

This Supplemental Material accompanies Ortega-Flores, B., Solari, L.A., Martini, M., and Ortega-Obregón, C., 2020, The Guerrero terrane, a para-autochthonous block on the paleo-Pacific continental margin of North America: Evidence from zircon U-Pb dating and Hf isotopes, in Martens, U.C., and Molina Garza, R.S., eds., Southern and Central Mexico: Basement Framework, Tectonic Evolution, and Provenance of Mesozoic–Cenozoic Basins: Geological Society of America Special Paper 546, p. 1–XXX, [https://doi.org/10.1130/2020.2546\(08\)](https://doi.org/10.1130/2020.2546(08)).

S2: Results of Hf isotope analysis

	176Hf/177Hf fstnorm	176Hf/177Hfc orr 2SE	176Lu/177Hfc orr	176Lu/177Hfc r 2SE	176Yb/177Hfc orr	176Yb/177Hfc r 2SE	178Hf/177Hf 2SE	176Hf/177Hf	t (age, Ma)	εHf(0)	±2 sigma	εHf(t)	TDM	TDM C*	TotalHfBe am (V)	
T11-04																
San Juan de la Rosa Fm.																
Sequence 5	0.282709	0.000019	0.000089	0.000016	0.02284	0.00055	1.467249	0.000034	0.282704135	292	-2.687554149	0.671888537	3.637990934	766.99524	1051.39069	17.85
Sequence 6	0.282831	0.000026	0.0014176	0.0000059	0.03909	0.00024	1.467279	0.000036	0.282827184	144	1.626677511	0.919426419	4.691924592	603.42866	868.3050186	15.61
Sequence 7	0.282834	0.000021	0.0010219	0.0000068	0.02843	0.00026	1.46728	0.000034	0.282831345	139	1.732765175	0.742613646	4.727813704	592.82455	862.095552	15.74
Sequence 8	0.282739	0.000062	0.00275	0.000056	0.0797	0.0012	1.467292	0.00008	0.282729228	190	-1.626677511	2.192478385	2.251017913	762.29476	1059.472684	14.87
Sequence 9	0.282614	0.000029	0.001934	0.00002	0.0555	0.00051	1.467282	0.000034	0.282607164	189	-6.046996835	1.025514083	-2.089567979	926.11446	1333.330454	17.15
Sequence 10	0.282535	0.000021	0.000866	0.000027	0.02429	0.00092	1.467303	0.000062	0.282531971	187	-8.840638648	0.742613646	-4.794197692	1010.7245	1502.200177	16.5
Sequence 11	0.282808	0.000042	0.00168	0.000062	0.0417	0.0012	1.467344	0.000047	0.282803603	140	0.813338756	1.485227293	3.768756154	640.8767	923.9130341	10.9
Sequence 12	0.282897	0.000028	0.002026	0.000042	0.0563	0.0014	1.467306	0.000047	0.282891811	137	3.960606114	0.990151529	6.822205526	517.29757	726.9936514	15.14
Sequence 13	0.282625	0.000024	0.0010291	0.0000024	0.030542	0.000093	1.467215	0.00004	0.282621208	197	-5.658008735	0.84870131	-1.41455506	888.37346	1296.941016	15.44
Sequence 14	0.282641	0.000023	0.000455	0.0000029	0.01279	0.00015	1.467271	0.000041	0.282638598	282	-5.092207861	0.813338756	1.095746295	852.81806	1204.586238	14.21
Sequence 15	0.282205	0.000023	0.0006607	0.0000089	0.02007	0.00026	1.4673	0.000042	0.282192675	990	-20.51028166	0.813338756	1.222305703	1462.9638	1750.741199	15.01
Sequence 16	0.282938	0.000045	0.001736	0.000039	0.04501	0.00082	1.467399	0.000048	0.282933392	142	5.410470852	1.591314957	8.404369636	453.86751	629.8426854	13
Sequence 17	0.282544	0.000076	0.002475	0.000072	0.0684	0.002	1.46744	0.0001	0.282527123	364	-8.522375656	2.687554149	-1.017776226	1042.3912	1402.004737	17.19
Sequence 18	0.282546	0.000026	0.000893	0.000024	0.02436	0.00059	1.467272	0.00004	0.282541252	284	-8.451650547	0.919426419	-2.304185471	996.02839	1420.755142	12.57
Sequence 23	0.282539	0.000048	0.001581	0.000038	0.0438	0.001	1.46744	0.0001	0.282533619	182	-8.699188429	1.69740262	-4.847206855	1024.4562	1501.66072	15.6
Sequence 24	0.282857	0.000027	0.0014313	0.000009	0.03953	0.00041	1.467264	0.000049	0.282853254	140	2.546103931	0.954788974	5.52508507	566.3903	812.0906129	14.12
Sequence 25	0.282425	0.000027	0.0018	0.00012	0.0507	0.00033	1.467253	0.000039	0.282395251	878	-12.73051965	0.954788974	5.86648919	1193.9309	1371.329661	18.47
Sequence 26	0.282208	0.000019	0.000799	0.000031	0.02291	0.00071	1.467268	0.000031	0.282190888	1135	-20.404194	0.671888537	4.448778378	1464.1136	1662.864535	15.74
Sequence 27	0.282288	0.00003	0.001121	0.000067	0.0328	0.0019	1.467372	0.000039	0.282269409	881	-17.57518963	1.060876638	1.475442147	1364.6531	1649.467368	13.8
Sequence 28	0.282619	0.00006	0.00264	0.00012	0.0743	0.0029	1.467463	0.000085	0.282609668	189	-5.870184062	2.121753275	-2.000969254	936.87954	1327.738638	10
Sequence 29	0.282797	0.000037	0.002532	0.000029	0.0736	0.0012	1.467273	0.00004	0.282790468	138	0.424350655	1.30841452	3.259611344	672.23103	954.7191878	13.71
Sequence 30	0.282339	0.000032	0.00112	0.000098	0.0315	0.0025	1.467329	0.000058	0.282317616	1013	-15.77169935	1.131601747	6.171700551	1293.1385	1458.616465	14.44
Sequence 35	0.28223	0.000026	0.0005364	0.000052	0.01568	0.00011	1.467374	0.000038	0.282219697	1019	-19.6262178	0.919426419	2.837166437	1423.7997	1672.486027	13.31
Sequence 36	0.282826	0.000024	0.000996	0.000013	0.02723	0.00032	1.467296	0.000042	0.282823356	142	1.449864738	0.84870131	4.512003631	603.74497	878.1895583	15.47
Sequence 37	0.282134	0.000023	0.000628	0.000016	0.0187	0.00037	1.467363	0.000043	0.282122738	952	-23.02102304	0.813338756	-2.116427501	1559.5947	1929.383942	16.7
Sequence 38	0.28216	0.000025	0.00032	0.000012	0.00954	0.00031	1.467303	0.000046	0.282153354	1101	-22.10159662	0.884063865	2.345803633	1511.6196	1767.624283	13.19
Sequence 39	0.282535	0.000023	0.001234	0.000065	0.0347	0.0017	1.467329	0.000044	0.282527999	303	-8.840638648	0.813338756	-2.349174478	1020.6375	1438.368065	16.2
Sequence 40	0.28281	0.000026	0.001405	0.000019	0.03961	0.0005	1.467302	0.000037	0.282806165	146	0.884063865	0.919426419	3.992931371	633.27945	914.3578142	14.28
Sequence 41	0.282547	0.000026	0.001397	0.000042	0.0387	0.0012	1.467246	0.00004	0.282538655	319	-8.416287993	0.919426419	-1.614929104	1008.0473	1404.570657	13.18
Sequence 42	0.282852	0.000022	0.001676	0.000018	0.04672	0.0005	1.467235	0.000037	0.282847767	135.1	2.369291158	0.777976201	5.221931735	577.35905	827.5600318	15.33
Sequence 47	0.282821	0.000028	0.001574	0.00003	0.03954	0.00034	1.467296	0.000045	0.28281688	140	1.273051965	0.990151529	4.238425882	620.356	894.0328356	13.45
Sequence 48	0.282995	0.000033	0.001873	0.000064	0.0482	0.0022	1.467378	0.00005	0.282989817	148	7.426136464	1.166964302	10.53400792	372.62356	498.2223107	14.1
Sequence 49	0.282174	0.000019	0.0005251	0.0000051	0.0158	0.00013	1.467253	0.000035	0.282164464	964	-21.60652086	0.671888537	-0.36618311	1500.4422	1829.607761	15.79
Sequence 50	0.282789	0.000027	0.001082	0.00005	0.028	0.0012	1.467278	0.00004	0.282786087	144	0.141450218	0.954788974	3.238181221	657.61161	960.781134	14.42
Sequence 51	0.282325	0.000027	0.001368	0.00006	0.0409	0.0016	1.467284	0.000045	0.282314025	428	-16.26677511	0.954788974	-7.129169227	1321.4535	1835.15897	14.07
Sequence 52	0.282653	0.000022	0.000558	0.000011	0.01524	0.00035	1.467254	0.000031	0.282651038	188	-4.667857206	0.777976201	-0.559673947	838.40237	1235.911305	14.83
Sequence 53	0.282837	0.000033	0.001709	0.000027	0.04546	0.00097	1.467273	0.000041	0.282832495	141	1.838852839	1.166964302	4.813032032	599.53332	858.2389173	13.17
Sequence 54	0.282902	0.00003	0.001765	0.000036	0.04442	0.00087	1.467347	0.000039	0.282897414	139	4.137418887	1.060876638	7.064905824	506.38886	713.0730594	12.31
Sequence 55	0.282869	0.000028	0.002019	0.000052	0.0548	0.0016	1.467275	0.000033	0.282863754	139	2.970454586	0.990151529	5.874233943	558.00978	789.0469457	14.63
Sequence 56	0.282251	0.000027	0.000825	0.000062	0.022	0.0017	1.467241	0.000036	0.2822344	1067	-18.88360415	0.954788974	4.446998814	1405.4386	1609.419044	11.46
Sequence 57	0.282822	0.000031	0.001487	0.000038	0.0407	0.0012	1.467278	0.000042	0.282818053	142	1.30841452	1.096239192	4.324401385	617.46793	890.1302148	14.34
Sequence 58	0.28285	0.000025	0.001294	0.000019	0.03315	0.00045	1.467251	0.00004	0.282846541	143	2.298566048	0.884063865	5.354393522	574.30308	825.3251893	14.86
Sequence 59	0.2828	0.000031	0.001859	0.000025	0.05011	0.00066	1.467336	0.000047	0.282795169	139	0.530438319	1.096239192	6.55.58232	943.515455	13.97	13.97
Sequence 60	0.28267	0.000036	0.00196	0.00014	0.061	0.005	1.467309	0.000035	0.282663769	170	-4.066693778	1.273051965	-0.510059527	845.80797	1218.744809	16.56
Sequence 61	0.28281	0.000032	0.001766	0.000012	0.04737	0.00027	1.467256	0.000043	0.282805576	134	0.884063865	1.131601747	3.70502516	639.48283	923.263619	13.98
Sequence 62	0.28243	0.000022	0.001373	0.000011	0.03722	0.00022	1.467283	0.000036	0.282424864	200	-12.55370688	0.777976201	-8.294064018	1173.2373	1731.960058	18.46
Sequence 63	0.282196	0.000029	0.000986	0.00008												

	176Hf/177Hf fstnorm	176Hf/177Hf corr 2SE	176Lu/177Hf corr	176Lu/177Hf corr 2SE	176Yb/177Hf corr	176Yb/177Hf corr 2SE	178Hf/177Hf	178Hf/177Hf 2SE	176Hf/177Hf	t (age, Ma)	εHf(0)	±2 sigma	εHf(t)	TDM	TDM C*	TotalHfBe am (V)
Sequence 79	0.282559	0.000035	0.001854	0.000023	0.05466	0.0007	1.467323	0.00005	0.282552585	185	-7.991937338	1.237689411	-4.109450558	1003.2753	1457.552567	15.71
Sequence 80	0.282807	0.000038	0.001693	0.000024	0.04495	0.00041	1.467374	0.000062	0.282802569	140	0.777976201	1.343777074	3.732179054	642.54411	926.2393549	10.7
Sequence 81	0.282622	0.000038	0.001888	0.000038	0.0543	0.00097	1.467365	0.000059	0.282615574	182	-5.764096398	1.343777074	-1.947894088	913.42165	1318.943173	11.53
Sequence 82	0.28261	0.000028	0.0013766	0.0000047	0.03841	0.00022	1.46728	0.000046	0.282605237	185	-6.188447053	0.990151529	-2.24678384	917.97833	1340.141119	16
Sequence 83	0.282532	0.000033	0.001813	0.000058	0.0526	0.0014	1.467351	0.000066	0.282526101	174	-8.946726312	1.166964302	-5.291204482	1040.9416	1523.391984	15.3
Sequence 84	0.282252	0.000034	0.001646	0.000077	0.0439	0.0018	1.467313	0.000077	0.282246182	189	-18.8482416	1.202326856	-14.86017596	1434.9968	2133.288355	14.5

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Sequence 6	0.282614	0.000025	0.001617	0.000012	0.04834	0.00041	1.467246	0.000031	0.282608708	175	-6.046996835	0.884063865	-2.346604389	918.20112	1338.66499	22.82
Sequence 7	0.282593	0.00003	0.001075	0.000044	0.0321	0.0012	1.467378	0.000084	0.282590166	141	-6.789610481	1.060876638	-3.759018672	934.60203	1401.342125	20.5
Sequence 8	0.282636	0.000032	0.001936	0.000019	0.05931	0.00061	1.467349	0.000051	0.282631016	137.7	-5.269020634	1.131601747	-2.38740532	894.39364	1312.244352	23.8
Sequence 9	0.282177	0.00003	0.0006441	0.0000041	0.01969	0.00022	1.467312	0.000039	0.28216458	1023	-21.50043319	1.060876638	0.974265643	1500.9673	1792.103128	12.85
Sequence 10	0.282156	0.000022	0.0007134	0.000008	0.02023	0.00015	1.467293	0.000033	0.282141972	1043	-22.24304684	0.777976201	0.626331134	1532.701	1829.495912	19
Sequence 11	0.282597	0.000016	0.0011754	0.000005	0.03611	0.00021	1.467273	0.000033	0.282594056	134	-6.648160263	0.565800873	-3.777110469	931.44485	1397.05177	21.75
Sequence 12	0.282613	0.000019	0.00101	0.000014	0.03122	0.00058	1.467251	0.000029	0.282610413	137	-6.08235939	0.671888537	-3.131774168	904.681661	1358.681661	21.25
Sequence 13	0.282615	0.000027	0.001005	0.00001	0.02974	0.0002	1.467273	0.000041	0.282612464	135	-6.01163428	0.954788974	-3.10372298	901.89161	1355.358868	13.19
Sequence 14	0.282597	0.00003	0.00168	0.000054	0.0508	0.0014	1.46728	0.000035	0.282592697	137	-6.648160263	1.060876638	-3.758444799	944.13245	1398.202536	14.47
Sequence 15	0.282601	0.000021	0.001082	0.000017	0.03341	0.00069	1.467247	0.000033	0.282598328	132.1	-6.506710045	0.742613646	-3.668231514	923.49102	1388.712972	21.38
Sequence 16	0.282582	0.000022	0.001439	0.000028	0.04544	0.00079	1.467264	0.000038	0.282578557	128	-7.178598582	0.777976201	-4.458753656	959.38549	1435.357065	24.34
Sequence 21	0.282199	0.000028	0.001213	0.000029	0.0362	0.0012	1.467424	0.000069	0.282173461	1116	-20.72245699	0.990151529	3.399262895	1492.7985	1713.568978	15.2
Sequence 22	0.282618	0.000027	0.001278	0.000042	0.0378	0.0014	1.46729	0.000036	0.282613698	180	-5.905546617	0.954788974	-2.058781472	904.21235	1324.387316	17.8
Sequence 23	0.282589	0.000027	0.001024	0.000021	0.02954	0.00057	1.467265	0.000037	0.282586492	131	-6.9310607	0.954788974	-4.111353614	938.9707	1415.79305	14.7
Sequence 24	0.282571	0.000023	0.001088	0.000015	0.02176	0.00033	1.467305	0.00005	0.282567081	238	-7.567586682	0.813338756	-2.41606325	960.64345	1392.029826	16.31
Sequence 25	0.282631	0.000027	0.001304	0.000021	0.03951	0.00067	1.467308	0.000041	0.282627709	135	-5.445833407	0.954788974	-2.564443751	886.38169	1321.323693	13.15
Sequence 26	0.282197	0.000034	0.001002	0.000031	0.0296	0.0013	1.467347	0.000049	0.282175445	1140	-20.7931821	1.202326856	4.014909634	1487.2778	1693.949887	10.64
Sequence 27	0.282608	0.000021	0.0006924	0.0000087	0.02016	0.00034	1.467259	0.000037	0.282606149	143	-6.259172163	0.742613646	-3.149172084	904.25452	1364.438244	14.01
Sequence 28	0.282623	0.000015	0.0007365	0.0000042	0.02257	0.00017	1.467221	0.000034	0.28261128	136	-5.728733844	0.530438319	-2.775016621	884.32608	1335.392893	18.76
Sequence 29	0.282602	0.000026	0.0006889	0.0000026	0.02099	0.00014	1.46726	0.000028	0.282600313	131	-6.47134749	0.919426419	-3.622480337	912.54992	1384.974556	16.11
Sequence 30	0.282621	0.000028	0.001111	0.000011	0.03386	0.00049	1.467267	0.00004	0.282618238	133	-5.799458953	0.990151529	-2.943953463	895.9591	1343.724302	13.49
Sequence 31	0.282598	0.000025	0.001391	0.000029	0.041	0.00078	1.467252	0.000032	0.282593552	171	-6.612797709	0.884063865	-2.971802693	935.40171	1374.997275	18
Sequence 32	0.282781	0.000019	0.0004856	0.0000069	0.01244	0.00016	1.467311	0.000037	0.28277982	130	-10.141450218	0.671888537	2.704940514	658.49423	983.7039699	18.4
Sequence 33	0.282679	0.000031	0.00122	0.000018	0.03702	0.00077	1.467275	0.000038	0.282675898	136	-3.748430787	1.096239192	-0.83759683	816.33546	1212.971533	13.65
Sequence 34	0.282665	0.000024	0.0011712	0.0000066	0.03513	0.00031	1.467269	0.000035	0.282662066	134	-4.243506551	0.84870131	-1.371368701	835.10766	1245.170632	16.79
Sequence 39	0.282747	0.000025	0.000866	0.0000093	0.02296	0.00033	1.467301	0.000038	0.28274475	139	-1.343777074	0.884063865	1.664651296	713.02525	1056.789496	15.69
Sequence 40	0.282504	0.000019	0.000475	0.0000043	0.01336	0.0001	1.467274	0.000041	0.282501305	303	-9.93687784	0.671888537	-3.293784957	1043.3551	1497.818137	19.3
Sequence 41	0.282494	0.00002	0.0007255	0.0000045	0.01876	0.00018	1.467308	0.000039	0.282490306	272	-10.29050339	0.707251092	-4.374546759	1064.1664	1541.709887	15.31
Sequence 42	0.282591	0.000029	0.000202	0.000053	0.063	0.0015	1.467235	0.000039	0.282585927	134.2	-6.860335591	1.025514083	-4.060183626	961.60775	1415.04978	17.74
Sequence 43	0.282607	0.000033	0.001293	0.000036	0.0395	0.0012	1.467336	0.000037	0.282603761	134	-6.294534717	1.166964302	-3.433799762	920.1845	1375.403941	14.08
Sequence 48	0.282635	0.000034	0.001323	0.000057	0.04	0.0019	1.467298	0.000034	0.282631587	138	-5.304383189	1.202326856	-2.360550956	881.14832	1310.781865	12.74
Sequence 49	0.282596	0.000024	0.00066	0.000015	0.02004	0.0005	1.467294	0.000037	0.282592442	288	-6.683522818	0.84870131	-0.403600567	920.22804	1304.01443	14.11
Sequence 50	0.282667	0.000025	0.0009994	0.000007	0.03	0.00037	1.467337	0.000038	0.282664553	131	-4.172781442	0.884063865	-1.350140734	828.48101	1241.493404	15.5
Sequence 51	0.282616	0.000032	0.0007205	0.0000033	0.01998	0.0001	1.467337	0.000044	0.282614263	129	-5.976271726	1.131601747	-3.173517052	893.74047	1355.103472	12.51
Sequence 52	0.282661	0.000032	0.001054	0.000046	0.0305	0.0017	1.467273	0.000041	0.282658261	139	-4.384956769	1.131601747	-1.394748232	838.15522	1250.540431	13.85

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Sequence 5	0.282143	0.000016	0.000576	0.000013	0.01747	0.00044	1.4673	0.000031	0.282130719	1130	-22.70276005	0.565800873	2.202012999	1545.1005	1799.379257	7
Sequence 6	0.282017	0.000025	0.000271	0.000003	0.00822	0.00012	1.467325	0.000039	0.282010994	1174	-27.15844193	0.884063865	-1.04278688	1704.6458	2035.981745	15.12
Sequence 7	0.281864	0.000041	0.001346	0.000033	0.03701	0.00089	1.467265	0.000028	0.281848837	600	-32.56891278	1.449864738	-19.74669235	1966.9135	2748.688835	24.2
Sequence 8	0.28213	0.00002	0.0004595	0.0000031	0.01413	0.00019	1.467283	0.000034	0.282121306	1004	-23.16247326	0.707251092	-0.990015425	1558.253	1899.792565	20.85
Sequence 9	0.282238	0.000026	0.001441	0.000011	0.04326	0.00048	1.467291	0.000037	0.282204939	1215	-19.34331736	0.919426419	6.766798008	1446.8945	1580.806488	15.95
Sequence 10	0.282225	0.000017	0.0005594	0.000005	0.01658	0.00015	1.467283	0.000032	0.282214639	983	-19.80303057	0.601163428	1.842192097	1431.5447	1706.48784	19.06
Sequence 11	0.282109	0.000014	0.0000763	0.0000034	0.00318	0.00014	1.467298	0.000032	0.282107375	1129	-23.9050869	0.495075764	1.351684391	1571.4032	1851.655959	26.2
Sequence 12	0.282298	0.000024	0.001407	0.000057	0.0417	0.0016	1.467241	0.000035	0.282285705	466	-17.22156409	0.84870131	-7.281349898	1360.9554	1874.048081	22.39
Sequence 13	0.282154	0.000017	0.0003422	0.000007	0.01013	0.00019	1.467274	0.000037	0.282150997	468	-22.31377195	0.601163428	-12.00518888	1520.6976	2169.723222	20.1
Sequence 15	0.282119	0.000017	0.0004357	0.000022	0.013184	0.000043	1.467287	0.000031	0.282116692	283	-23.55146136	0.601163428	-17.34950086	1572.3627	2359.475681	22.56
Sequence 16	0.282153	0.000018	0.000719	0.000013	0.02157	0.00041	1.467259	0.000035	0.282138862	1043	-22.3491345	0.636525983	0.516091911	1537.0695	1836.375375	21.75
Sequence 17	0.282264	0.000024	0.00138	0.000039	0.0447	0.0013	1.467248	0.000034	0.282232523	1208	-18.42389094	0.84870131	7.585514958	1407.913	1523.929927	19.48
Sequence 23	0.282118	0.000018	0.000653	0.0000043	0.01999	0.00012	1.467294	0.000032	0.282114749	266	-23.58682391	0.636525983	-17.79686655	1582.6597	2374.210506	20.7
Sequence 24	0.282001	0.000018	0.0006561	0.0000092	0.01868	0.0003	1.467308	0.000037	0.281986536	1168	-27.7242428	0.636525983	-2.046373168	1743.7442	2093.632746	18.7
Sequence 25	0.282084	0.000026	0.001825	0.000018	0.0584	0.00055	1.467313	0.00003	0.28204387	1165	-24.78915077	0.919426419	-0.081735624	1680.8832	1969.171579	23

	176Hf/177Hf fstnorm	176Hf/177Hf corr 2SE	176Lu/177Hf corr	176Lu/177Hf r 2SE	176Yb/177Hf corr	176Yb/177Hf r 2SE	178Hf/177Hf 2SE	176Hf/177Hf t (age, Ma)	εHf(0)	±2 sigma	εHf(t)	TDM	TDM C*	TotalHfBe am (V)		
Sequence 27	0.282607	0.000019	0.000847	0.000012	0.0235	0.00034	1.467268	0.000026	0.282602433	288	-6.294534717	0.671888537	-0.050038488	909.34813	1281.688952	18.98
Sequence 28	0.282623	0.000018	0.001003	0.0000067	0.02834	0.00015	1.467292	0.000033	0.282618119	260	-5.728733844	0.636525983	-0.119699834	890.5759	1264.244625	18.95
Sequence 29	0.282481	0.000021	0.001145	0.000029	0.02814	0.00062	1.467296	0.000036	0.2824753	266	-10.7502166	0.742613646	-5.039331652	1094.3425	1578.828396	19.83
Sequence 30	0.282475	0.000019	0.001035	0.000032	0.02644	0.00083	1.467266	0.000031	0.282469478	285	-10.96239192	0.671888537	-4.821609295	1099.5802	1579.879635	20.76
Sequence 31	0.282837	0.000022	0.001373	0.000023	0.03503	0.0006	1.467243	0.000036	0.282830036	271	1.838852839	0.777976201	7.624092213	594.12294	781.3994945	19.04
Sequence 32	0.282163	0.000018	0.000654	0.0000059	0.01974	0.00017	1.467277	0.000031	0.282159499	286	-21.99550896	0.636525983	-15.76795174	1520.669	2263.779641	18.5
Sequence 33	0.282296	0.000022	0.0006093	0.0000012	0.019378	0.000033	1.467256	0.000033	0.282281357	1272	-17.29228919	0.777976201	10.77561735	1335.3472	1374.267693	18.9
Sequence 35	0.282646	0.000018	0.000871	0.000011	0.02142	0.00028	1.467277	0.000032	0.2826415	276	-4.915395088	0.636525983	1.064542483	855.17309	1201.871367	18.6
Sequence 36	0.282489	0.000024	0.001089	0.000018	0.03104	0.00055	1.467296	0.000043	0.282483149	287	-10.46731616	0.84870131	-4.293247006	1081.463	1548.235834	14.14
Sequence 37	0.282465	0.000021	0.000771	0.000019	0.02052	0.00052	1.467273	0.000037	0.282461118	269	-11.31601747	0.742613646	-5.474233293	1105.889	1608.461567	17.32
Sequence 42	0.282732	0.000021	0.0005045	0.000006	0.01396	0.00015	1.4673	0.000036	0.282729375	278	-1.874215393	0.742613646	4.218560336	727.1874	1003.565838	16.5
Sequence 43	0.282121	0.000019	0.000522	0.000027	0.01513	0.00089	1.467318	0.000029	0.282118205	286	-23.48073625	0.671888537	-17.22911729	1573.1467	2354.310538	17.2
Sequence 45	0.282505	0.000019	0.001082	0.000028	0.02641	0.00056	1.467265	0.000033	0.282499349	279	-9.901515285	0.671888537	-3.898456475	1058.7519	1517.210397	17.73
Sequence 46	0.28281	0.000024	0.001319	0.000028	0.03256	0.00064	1.467322	0.000033	0.282803508	263	0.884063865	0.84870131	6.506847703	631.81935	846.2819327	18.7
Sequence 47	0.282939	0.000033	0.003155	0.000032	0.0889	0.0011	1.467311	0.000035	0.282920983	305	5.445833407	1.166964302	11.60180468	470.554	554.1621984	15.54
Sequence 48	0.282633	0.000017	0.0007311	0.0000088	0.017633	0.00069	1.46728	0.000034	0.282628647	318	-5.375108298	0.601163428	1.547325032	870.21221	1204.168173	19.7
Sequence 49	0.282234	0.00002	0.0003603	0.000004	0.0111	0.00014	1.467268	0.000036	0.282232057	288	-19.48476758	0.707251092	-13.1558751	1411.8094	2103.091449	18.18
Sequence 50	0.282545	0.000024	0.0014507	0.0000077	0.04089	0.0002	1.467275	0.000035	0.282519013	951	-8.487013102	0.84870131	11.90411061	1012.3436	1047.831275	20.42
Sequence 51	0.282149	0.000023	0.000508	0.000013	0.01498	0.00044	1.467282	0.000034	0.28214501	419	-22.49058472	0.813338756	-13.31281116	1534.1261	2213.278373	16.93
Sequence 52	0.281789	0.00002	0.000767	0.000032	0.02298	0.00087	1.467268	0.000037	0.281773231	1090	-35.22110437	0.707251092	-11.37894985	2040.047	2609.775502	15.53
Sequence 53	0.282166	0.000019	0.000972	0.000034	0.0299	0.0011	1.467275	0.000033	0.282141599	1328	-21.88942129	0.671888537	7.096610578	1529.2337	1649.509283	18.98
Sequence 54	0.28233	0.000022	0.0012948	0.0000075	0.03877	0.00025	1.467282	0.000032	0.282300169	1220	-16.08996234	0.777976201	10.25749661	1311.8359	1365.550457	21.1
Sequence 55	0.282191	0.000016	0.0000866	0.0000077	0.00316	0.0003	1.467291	0.000038	0.28218931	1035	-21.00535743	0.565800873	2.122851512	1460.3834	1729.738722	18.86
Sequence 57	0.282642	0.00002	0.0010941	0.0000097	0.02881	0.00027	1.467249	0.00003	0.282636224	282	-5.056845307	0.707251092	1.011753641	865.89761	1209.898461	19.28
Sequence 62	0.282513	0.000019	0.00109	0.000027	0.02809	0.0008	1.467303	0.000028	0.282507553	267	-9.618614849	0.671888537	-3.87579646	1047.7156	1506.471502	18.53
Sequence 63	0.282062	0.000016	0.0008001	0.0000081	0.02361	0.0002	1.46731	0.000031	0.282057897	274	-25.56712697	0.565800873	-19.63038564	1666.1463	2493.637712	21.9
Sequence 64	0.282263	0.000018	0.0006615	0.0000069	0.01703	0.00029	1.467288	0.000037	0.282250358	1014	-18.4592535	0.636525983	3.810524293	1382.8337	1607.590244	17.85
Sequence 65	0.282119	0.000014	0.0004876	0.0000056	0.01291	0.00022	1.467269	0.000029	0.282108873	1101	-23.55146136	0.495075764	0.768958407	1574.4838	1866.0437	21.09
Sequence 66	0.282471	0.000021	0.000585	0.000015	0.0283	0.00045	1.46732	0.000034	0.282469456	964	-11.10384214	0.742613646	10.44245677	1078.0685	1150.64835	16
Sequence 67	0.282279	0.000018	0.0005703	0.0000097	0.0176	0.00031	1.467268	0.000034	0.282266024	1205	-17.89345262	0.636525983	8.705126491	1357.4601	1451.259284	19.51
Sequence 68	0.282197	0.000023	0.0005628	0.0000051	0.01614	0.00018	1.467304	0.000029	0.282190904	577	-20.7931821	0.813338756	-8.150238715	1470.2488	2014.02081	18.77
Sequence 69	0.282432	0.000023	0.001231	0.000041	0.02789	0.00087	1.467309	0.000026	0.28240838	1018	-12.48298177	0.813338756	9.50203547	1165.9837	1252.86938	18.06
Sequence 70	0.282214	0.000022	0.000878	0.000014	0.02688	0.00044	1.467257	0.000031	0.282193571	1232	-20.19201867	0.777976201	6.750842779	1458.8202	1595.24388	17.56
Sequence 71	0.282207	0.000015	0.000389	0.000014	0.01192	0.00034	1.467277	0.000034	0.282205129	257	-20.43955655	0.530438319	-14.79935516	1449.9042	2181.503182	23.76
Sequence 72	0.282178	0.000024	0.001039	0.000014	0.03084	0.00049	1.4673	0.000036	0.282156303	1107	-21.46507064	0.84870131	2.586578966	1515.2162	1757.29409	18.91
Sequence 73	0.28214	0.000022	0.000754	0.000013	0.02309	0.00045	1.467244	0.000034	0.282123651	1149	-22.80884771	0.777976201	2.383164697	1556.4475	1802.993604	15.33
Sequence 76	0.2822	0.000023	0.0010322	0.0000098	0.03196	0.00024	1.467292	0.000036	0.282194028	309	-20.68709444	0.813338756	-14.03345987	1484.2808	2173.725861	15.82
Sequence 77	0.282842	0.000024	0.001228	0.000035	0.0327	0.001	1.467285	0.000043	0.282835564	280	2.015665612	0.84870131	8.020659385	584.69225	763.2110426	17.47
Sequence 82	0.282261	0.000018	0.0008109	0.0000028	0.02553	0.00016	1.467248	0.000041	0.282242984	1177	-18.52997861	0.636525983	7.250853824	1391.0361	1520.406154	20
Sequence 83	0.282246	0.000017	0.0003478	0.0000041	0.00984	0.00013	1.467298	0.000033	0.282237429	1304	-19.06041692	0.601163428	9.947702157	1394.8973	1451.735388	18.94
Sequence 84	0.282676	0.00002	0.000681	0.000014	0.02012	0.00048	1.467261	0.000035	0.282672162	301	-3.85451845	0.707251092	2.707568034	808.9537	1117.423104	16.58
Sequence 86	0.282196	0.000021	0.0005185	0.0000026	0.015804	0.000099	1.467306	0.00004	0.282193341	274	-20.82854465	0.742613646	-14.83781087	1469.9285	2196.892485	14.47
Sequence 87	0.282117	0.000022	0.0006214	0.0000089	0.01856	0.00025	1.467329	0.000043	0.282103241	1173	-23.62218647	0.777976201	2.205167978	1582.7318	1832.95376	16.98
Sequence 88	0.282649	0.00002	0.0006067	0.0000077	0.01506	0.00015	1.46728	0.000035	0.282645809	281	-4.809307424	0.707251092	1.328573971	845.05479	1189.076297	18.02
Sequence 91	0.28183	0.00026	0.00000164	0.00000047	0.00068	0.0006	1.467236	0.000029	0.281829991	279	-33.77123963	9.194264194	-27.58335535	1945.0114	2986.227918	20.71

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Sequence 6	0.282206	0.000024	0.000954	0.000016	0.02822	0.00043	1.467311	0.000035	0.282183456	1251	-20.47491911	0.84870131	6.825027387	1472.8748	1605.616449	16.53
Sequence 7	0.282329	0.000027	0.000772	0.000027	0.01949	0.0007	1.467283	0.000039	0.282321425	523	-16.12532489	0.954788974	-4.740001928	1295.2172	1759.366265	17.02
Sequence 8	0.282254	0.000019	0.0004596	0.0000035	0.013057	0.000077	1.467291	0.000035	0.282244831	1058	-18.77751649	0.671888537	6.412512039	1387.9506	1591.957671	17.85
Sequence 9	0.282533	0.000026	0.000949	0.000026	0.0232	0.00076	1.467298	0.000033	0.282528079	277	-8.911363757	0.919426419	-2.926464052	1015.7502	1454.500548	15.87
Sequence 10	0.282171	0.00002	0.0004389	0.0000058	0.0126	0.0002	1.467287	0.000035	0.282161776	1114	-21.71260852	0.707251092	2.939583472	1501.1983	1740.734643	19.56
Sequence 11	0.282164	0.000021	0.000709	0.00002	0.02114	0.00053	1.467244	0.000042	0.282148937	1126	-21.9601464	0.742613646	2.757019607	1521.4755	1761.574503	16.2
Sequence 12	0.282654	0.000022	0.000897	0.000012	0.02566	0.00034	1.467287	0.000033	0.282649332	278	-4.632494651	0.777976201	1.38630283	844.51555	1183.078529	17.69
Sequence 13	0.282523	0.00002	0.0007432	0.0000089	0.0179	0.00029	1.467288	0.000034	0.282518895	295	-9.264989303	0.707251092	-2.849863714	1024.2071	1463.669066	16.7
Sequence 14	0.28232	0.000018	0.000968	0.000025	0.02596	0.00066	1.467244	0.000038	0.282311213	484	-16.44358788	0.636525983	-5.975354486	1314.4849	1806.385241	17.33
Sequence 15	0.282895	0.000025	0.001854	0.000076	0.0455	0.0019	1.467258	0.000036	0.282884447	304	3.889881005	0.884063865	10.2865836	517.77771	637.5036993	17.49
Sequence 16	0.28252	0.000022	0.000532	0.000016	0.01539	0.00052	1.46729	0.000038	0.282517371	264	-9.371076967	0.777976201	-3.595280843	1022.712	1486.495966	17.03
Sequence 21	0.282204	0.00002	0.000857	0.000023	0.02552	0.00072	1.467283	0.000033	0.282184976	1176	-20.54564422	0.707251092	5.171369483	1471.8971	1649.948475	20.7
Sequence 22	0.282192	0.000019	0.000314	0.000041	0.0096	0.0012	1.467235	0.00003	0.282186387	949	-20.96999487	0.671888537	0.071275322	1467.6161	1790.556971	20.71
Sequence 23	0.281272	0.000021	0.0003595	0.0000023	0.01075	0.000089	1.467311	0.000034	0.2821257814	2073	-53.5035451	0.742613646	-7.151159477	2715.0758	3112.919067	16.14

	176Hf/177Hf fstnorm	176Hf/177Hf corr 2SE	176Lu/177Hf corr	176Lu/177Hf corr 2SE	176Yb/177Hf corr	176Yb/177Hf corr 2SE	178Hf/177Hf	178Hf/177Hf 2SE	176Hf/177Hf	t (age, Ma)	εHf(0)	±2 sigma	εHf(t)	TDM	TDM C*	TotalHfBe am (V)
Sequence 24	0.282177	0.000019	0.0005373	0.0000022	0.016045	0.000078	1.467315	0.000037	0.282166066	1079	-21.50043319	0.671888537	2.297039548	1496.7921	1753.394317	17.89
Sequence 25	0.282176	0.000018	0.0005789	0.0000089	0.01724	0.000032	1.467242	0.000032	0.28216574	941	-21.53579575	0.636525983	-0.841414089	1499.7928	1841.287982	20.91
Sequence 26	0.282285	0.000023	0.0000849	0.000026	0.02528	0.000085	1.467209	0.00003	0.282268289	1044	-17.6812773	0.813338756	5.12638405	1359.0643	1548.702015	16.08
Sequence 27	0.282869	0.000028	0.002791	0.000097	0.0698	0.0024	1.467307	0.000036	0.282853533	296	2.970454586	0.990151529	9.01389942	570.04323	712.4711888	16
Sequence 28	0.282547	0.000021	0.0007308	0.0000053	0.01879	0.00015	1.467261	0.000033	0.282543129	283	-8.416287993	0.742613646	-2.260112446	990.38322	1417.200816	17.3
Sequence 29	0.281649	0.000018	0.0007547	0.0000087	0.02152	0.00025	1.467276	0.000032	0.281622521	1847	-40.17186202	0.636525983	0.581498188	2230.8013	2463.109695	17.9
Sequence 30	0.282841	0.000019	0.0008	0.000011	0.02283	0.00024	1.467242	0.000035	0.282836417	306	1.980303057	0.671888537	8.631628784	579.4817	744.7624465	18.78
Sequence 31	0.282726	0.000019	0.000655	0.000019	0.0186	0.00055	1.467267	0.000035	0.282722432	291	-2.086390721	0.671888537	4.263109209	738.46558	1010.940407	19.32
Sequence 32	0.282759	0.000022	0.001304	0.000034	0.03145	0.00088	1.467248	0.00003	0.2827517	299	-0.919426419	0.777976201	5.477451199	704.29024	940.091248	17.26
Sequence 33	0.282199	0.00002	0.000513	0.00002	0.01557	0.00068	1.467298	0.000037	0.282187808	1156	-20.72245699	0.707251092	4.816936328	1465.5914	1656.367279	15.12
Sequence 34	0.282213	0.000021	0.000719	0.000014	0.02306	0.00055	1.467282	0.000045	0.282198739	1052	-20.22738123	0.742613646	2.842575147	1454.1307	1698.07533	16.66
Sequence 35	0.282106	0.000026	0.001296	0.000017	0.03584	0.00053	1.467271	0.000036	0.282073738	1317	-24.01117457	0.919426419	4.438724217	1626.4858	1806.906622	16.69
Sequence 40	0.282162	0.000021	0.0006446	0.0000062	0.01934	0.00019	1.467271	0.00004	0.282147629	1181	-22.03087151	0.742613646	3.960938276	1521.6747	1729.603965	16.51
Sequence 42	0.282184	0.000021	0.000949	0.000026	0.02783	0.00087	1.467264	0.000032	0.282163386	1151	-21.25289531	0.742613646	3.837407116	1503.2828	1713.710112	16.06
Sequence 43	0.282555	0.000028	0.001688	0.000023	0.05165	0.00093	1.467297	0.000034	0.282540314	464	-8.133387556	0.990151529	1.686794876	1004.5086	1309.581208	18.13
Sequence 44	0.282901	0.000022	0.001002	0.00001	0.02398	0.00021	1.467293	0.000035	0.282895146	312	4.102056333	0.777976201	10.84398506	497.52412	608.1991904	17.69
Sequence 45	0.28236	0.000021	0.001189	0.000037	0.0339	0.0014	1.467315	0.000037	0.282334853	1121	-15.0290857	0.742613646	9.234454603	1265.9942	1351.387951	16.92
Sequence 46	0.282454	0.000028	0.001492	0.000033	0.04546	0.00094	1.467307	0.000037	0.2824254	1017	-11.70500557	0.990151529	10.08261119	1142.8955	1215.43615	18.7
Sequence 47	0.282139	0.000026	0.00075	0.000046	0.0229	0.0013	1.467322	0.000037	0.282123967	1063	-22.84421027	0.919426419	0.441682002	1557.6664	1856.682634	17.08
Sequence 48	0.282151	0.000019	0.0005795	0.0000036	0.01747	0.00015	1.467248	0.000032	0.282138202	1170	-22.41985961	0.671888537	3.376511767	1534.2328	1757.467866	17.13
Sequence 49	0.282753	0.000022	0.001144	0.000015	0.03146	0.00039	1.467291	0.00004	0.28274636	310	-1.131601747	0.777976201	5.534175142	709.79845	945.1347152	16.7
Sequence 50	0.282418	0.000019	0.000247	0.000016	0.00748	0.00045	1.467226	0.000037	0.282415357	570	-12.97805753	0.671888537	-0.359931271	1155.4668	1521.323723	17.87
Sequence 51	0.282664	0.000019	0.00063	0.000013	0.01636	0.00036	1.467313	0.000027	0.282660722	278	-4.278869106	0.671888537	1.789310359	824.62949	1157.571997	17.88
Sequence 52	0.282145	0.000022	0.001566	0.000029	0.04707	0.00081	1.467297	0.000034	0.282111163	1145	-22.63203494	0.777976201	1.849526158	1833.1963	1555.17	18.08
Sequence 53	0.282438	0.000023	0.0012065	0.0000084	0.03675	0.00034	1.467285	0.000028	0.28242623	520	-12.27080644	0.813338756	-1.096782045	1156.7687	1528.605998	20.3
Sequence 54	0.282125	0.000023	0.000809	0.000015	0.02488	0.00055	1.467284	0.00003	0.282106763	1194	-23.33928603	0.813338756	2.807691756	1579.4478	1811.859802	19.47
Sequence 59	0.282315	0.000023	0.0004492	0.0000074	0.01224	0.00017	1.467276	0.000041	0.282306047	1057	-16.62040066	0.813338756	6.759715703	1303.6187	1456.402777	19.2
Sequence 60	0.282356	0.000031	0.000926	0.000089	0.0281	0.0027	1.467301	0.000033	0.28234646	549	-15.17053592	1.096239192	-3.270613491	1262.797	1687.575485	18.8
Sequence 61	0.282273	0.000028	0.0009741	0.0000098	0.02932	0.00027	1.467305	0.00003	0.282251042	1194	-18.10562795	0.990151529	7.923442014	1380.2892	1491.640696	13.57
Sequence 62	0.282893	0.000026	0.001715	0.000024	0.04151	0.00052	1.467293	0.000037	0.282883432	298	3.819155896	0.919426419	10.11656735	518.71729	643.622649	17.14
Sequence 63	0.282593	0.000025	0.000984	0.000054	0.0236	0.0014	1.467293	0.00004	0.282587732	286	-6.789610481	0.884063865	-0.614891898	932.34864	1315.792557	14.94
Sequence 64	0.282153	0.000026	0.000611	0.000029	0.01791	0.00082	1.467343	0.000036	0.282139949	1132	-22.3491345	0.919426419	2.574694803	1532.7388	1777.678486	13.73
Sequence 65	0.28225	0.000022	0.000517	0.00002	0.01454	0.00058	1.467285	0.000044	0.282240375	988	-18.91896671	0.777976201	2.867554482	1395.5369	1646.229658	17.11
Sequence 66	0.28226	0.000019	0.0004416	0.0000221	0.013155	0.000042	1.467281	0.000034	0.282522207	937	-18.56534116	0.671888537	2.132221039	1379.0503	1652.243987	18.68
Sequence 67	0.282572	0.000029	0.001049	0.000067	0.027	0.0018	1.467281	0.000043	0.282566344	288	-7.532224128	1.025514083	-1.327058301	963.54267	1362.281793	17.63
Sequence 69	0.282425	0.00002	0.001205	0.000021	0.02962	0.00052	1.467315	0.000036	0.282418797	275	-12.73051965	0.707251092	-6.837934477	1175.0398	1698.639435	17.15
Sequence 70	0.282394	0.000018	0.00007842	0.0000088	0.003237	0.000039	1.467262	0.000037	0.282393204	541	-13.82675885	0.636525983	-1.795067521	1183.2598	1588.827366	20.5
Sequence 71	0.282066	0.000028	0.000573	0.000037	0.0171	0.0011	1.467272	0.000044	0.28204944	1526	-25.42567675	0.990151529	8.3560583	1650.8047	1727.606977	18.8
Sequence 72	0.282311	0.000027	0.0003739	0.0000079	0.01106	0.00028	1.467291	0.000035	0.282302921	1145	-16.76185088	0.954788974	8.64803425	1306.5671	1407.307167	12.43
Sequence 73	0.281795	0.000022	0.0005976	0.0000072	0.01755	0.00025	1.467245	0.000038	0.281774564	1801	-35.00892905	0.777976201	4.919905327	2022.8907	2159.005938	16.88
Sequence 78	0.28249	0.000022	0.001157	0.00003	0.02822	0.00076	1.467262	0.000033	0.282484066	274	-10.4319536	0.777976201	-4.550751652	1082.0084	1554.334832	16.8
Sequence 79	0.282515	0.000033	0.001249	0.000069	0.0317	0.0018	1.467283	0.000044	0.282508758	267	-9.54788974	1.166964302	-3.831144273	1049.3284	1503.788781	20.1
Sequence 80	0.28263	0.000021	0.000849	0.000015	0.02115	0.00037	1.467279	0.000039	0.282625709	270	-5.481195962	0.742613646	0.371930757	877.13208	1240.979637	16.91
Sequence 81	0.282036	0.000066	0.0014	0.000033	0.0362	0.001	1.467457	0.000077	0.28199239	1643	-26.48655339	2.333928603	9.016669885	1729.1927	1779.223966	6.78
Sequence 82	0.282161	0.000025	0.000381	0.000017	0.01157	0.00057	1.467321	0.000044	0.282153871	993	-22.06623406	0.884063865	-0.085003709	1512.6414	1834.743864	16.57
Sequence 83	0.281851	0.000022	0.000696	0.000015	0.02175	0.00042	1.46728	0.000034	0.281836479	1106	-33.02862599	0.777976201	-8.774028048	1591.4194	2461.713457	18.69
Sequence 84	0.282173	0.000032	0.001461	0.000065	0.0424	0.0019	1.467308	0.000034	0.282139982	1197	-21.64188341	0.954788974	4.053808691	1539.3262	1736.398048	17.31
Sequence 85	0.282115	0.000024	0.000407	0.000037	0.0124	0.0011	1.46727	0.000035	0.282107562	970	-23.69291158	0.84870131	-2.246933989	1576.668	1951.556248	17.91
Sequence 86	0.282844	0.000028	0.001505	0.000047	0.0346	0.0013	1.467291	0.000038	0.282835321	308	2.086390721	0.990151529	8.637545424	586.18615	745.9642665	14.76
Sequence 87	0.282111	0.000023	0.0003416	0.000001	0.010499	0.000029	1.467285	0.000038	0.282104816	961	-23.83436179	0.813338756	-2.547936491	1579.4642	1963.28041	14.87
Sequence 88	0.282149	0.000025	0.000899	0.000012	0.0262	0.00043	1.467273	0.00004	0.282127945	1240	-22.49058472	0.884063865	4.605901756	1549.8923	1735.773432	15.05

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Sequence 5	0.281866	0.000028	0.001436	0.000094	0.0432	0.0027	1.467292	0.000031	0.281825216	1500	-32.49818767	0.990151529	-0.195713903	1968.8221	2238.71171	16.72
Sequence 6	0.281913	0.000027	0.001249	0.000061	0.0365	0.002	1.467254	0.000037	0.281876328	1550	-30.8361476	0.954788974	2.763215575	1893.7234	2094.688082	16.02
Sequence 7	0.281908	0.000022	0.0009073	0.000002	0.025735	0.000034	1.467304	0.000034	0.281881483	1543	-31.01296038	0.777976201	2.785704049	1883.6599	2087.782483	14.85
Sequence 8	0.28201	0.000024	0.00146	0.000012	0.04094	0.00039	1.467296	0.000035	0.281980735	1063	-27.40597981	0.84870131	-4.635443889	1768.4437	2172.432616	20.4
Sequence 9	0.282122	0.000035	0.002628	0.000062	0.0814	0.002	1.467297	0.000033	0.282050741	1433	-23.44537369	1.237689411	6.272748232	1662.8863	1784.033687	17.51
Sequence 10	0.281954	0.000032	0.001062	0.000046	0.0322	0.0015	1.467473	0.000033	0.281942297	587	-29.38628827	1.131601747	-16.72878174	1827.592	2553.111507	13.23
Sequence 11	0.281902	0.000021	0.000808	0.000012	0.02278	0.00037	1.467359	0.000032	0.281887848	930	-31.2251357	0.742613646	-10.93767869	1887.024	2459.232846	17.6
Sequence 12	0.281733	0.000021	0.0005188	0.0000053	0.01493	0.0002	1.467324	0.00003	0.281717049	1622	-37.20140743	0.742613646	-1.238248007	2103.1164	2398.70718	16.12
Sequence 13	0.281866	0.000026	0.001224	0.0000033	0.03602	0.00093	1.467258	0.000033	0.281830415	1535	-32.49818767	0.919426419	2.790226054	1957.7196	2205.154	14.94

	176Hf/177Hf fstnorm	176Hf/177Hf corr 2SE	176Lu/177Hf corr	176Lu/177Hf corr 2SE	176Yb/177Hf corr	176Yb/177Hf corr 2SE	178Hf/177Hf	178Hf/177Hf 2SE	176Hf/177Hf	t (age, Ma)	εHf(0)	±2 sigma	εHf(t)	TDM	TDM C*	TotalHfBe am (V)
Sequence 14	0.281951	0.00002	0.000649	0.000015	0.01926	0.00037	1.467272	0.000032	0.281936618	1174	-29.49237053	0.707251092	-3.679880327	1812.0466	2199.627505	17.24
Sequence 15	0.282032	0.000033	0.001835	0.000014	0.05419	0.00032	1.467286	0.000037	0.281980906	1471	-26.62800361	1.166964302	4.664549411	1755.1027	1914.280892	13.57
Sequence 16	0.282535	0.000032	0.001222	0.000028	0.0358	0.0012	1.467338	0.000038	0.282519364	681	-8.840638648	1.131601747	5.818586984	1020.3112	1219.097956	11.87
Sequence 17	0.281962	0.000027	0.00108	0.000025	0.03227	0.00078	1.467313	0.000038	0.281933088	1415	-29.10338243	0.954788974	1.687339291	1817.3612	2055.288463	14.32
Sequence 18	0.282492	0.000025	0.001422	0.00002	0.03611	0.00057	1.467264	0.000028	0.282484867	268	-10.3612285	0.884063865	-4.656203539	1086.8455	1556.308872	16.42
Sequence 23	0.281936	0.000044	0.001524	0.000093	0.0459	0.0028	1.467303	0.000036	0.281892805	1497	-30.02280885	1.555952402	2.133796598	1875.3491	2092.032785	16.6
Sequence 24	0.281833	0.000028	0.0008116	0.0000069	0.02352	0.00022	1.467274	0.000036	0.281811196	1420	-33.66515197	0.990151529	-2.5226263	1982.0357	2319.971394	16.12
Sequence 25	0.282199	0.000018	0.0004412	0.0000051	0.01214	0.00016	1.467323	0.000029	0.282190375	1037	-20.72245699	0.636525983	2.205929923	1462.8568	1726.113922	15.72
Sequence 26	0.281956	0.000023	0.0013	0.00004	0.0396	0.0012	1.467286	0.000036	0.28191753	1562	-29.31555776	0.813338756	4.50048061	1836.3271	1996.287787	18.7
Sequence 27	0.281897	0.000024	0.000718	0.000024	0.02085	0.00064	1.467305	0.000036	0.281882362	1081	-31.40194848	0.84870131	-7.714445712	1889.4565	2376.960784	17.56
Sequence 28	0.281987	0.000034	0.00197	0.00003	0.0642	0.001	1.46729	0.000039	0.281932109	1472	-28.21931856	1.202326856	2.956126914	1825.4842	2021.310983	17.1
Sequence 29	0.282026	0.000026	0.001644	0.000055	0.0484	0.0015	1.467319	0.000027	0.281980508	1462	-26.84017893	0.919426419	4.444468908	1754.5917	1920.88039	14.48
Sequence 30	0.282691	0.000025	0.001051	0.000025	0.03023	0.00087	1.467304	0.000029	0.282686201	244	-3.324080132	0.884063865	1.932358923	795.71688	1121.918063	13.98
Sequence 31	0.282507	0.000025	0.001242	0.000015	0.03092	0.00029	1.46732	0.000034	0.282501189	250	-9.830790176	0.884063865	-4.79956148	1060.4395	1531.274082	16.31
Sequence 32	0.282299	0.000023	0.0005508	0.0000076	0.01419	0.00024	1.467263	0.000036	0.28228776	1082	-17.18620153	0.813338756	6.678989919	1329.1675	1481.222656	16.32
Sequence 33	0.282092	0.000034	0.00251	0.0001	0.0724	0.0027	1.467281	0.000043	0.282015407	1610	-24.50625033	1.202326856	9.075537849	1700.8926	1749.344367	11.62
Sequence 34	0.281859	0.000024	0.000702	0.00001	0.01985	0.00031	1.467306	0.000035	0.28183855	1538	-32.74572555	0.84870131	1.147653527	1940.7635	2185.379953	16.52
Sequence 35	0.282267	0.000031	0.0006575	0.0000084	0.01873	0.00035	1.467309	0.000037	0.282254584	1002	-18.31780328	1.096239192	3.688351059	1377.1568	1605.8085	17.4
Sequence 36	0.281993	0.00002	0.001301	0.000012	0.03731	0.00029	1.467302	0.000035	0.281956001	1502	-28.00714324	0.707251092	4.490610062	1784.7324	1949.561737	15.86
Sequence 37	0.282459	0.000023	0.0008135	0.0000047	0.0244	0.00015	1.467322	0.000033	0.282449483	623	-11.5281928	0.813338756	2.038999176	1115.5012	1411.895148	15.28
Sequence 38	0.282136	0.000023	0.001113	0.0000062	0.03346	0.00017	1.467335	0.00003	0.282110868	1196	-22.95029793	0.813338756	2.998735402	1576.7949	1801.508539	17.8
Sequence 39	0.281987	0.000025	0.000875	0.000018	0.0255	0.00066	1.467267	0.000035	0.281962939	1453	-28.21931856	0.884063865	3.615206377	1773.0875	1965.380877	13.17
Sequence 44	0.281989	0.000023	0.000212	0.000009	0.00566	0.00034	1.46735	0.000039	0.281983402	1396	-28.14859345	0.813338756	3.038033097	1740.084	1956.398973	12.61
Sequence 45	0.281916	0.000021	0.000764	0.000031	0.02095	0.00085	1.467281	0.000031	0.281892319	1635	-30.73005994	0.742613646	5.281004237	1865.6176	2005.435534	16.3
Sequence 46	0.281849	0.000027	0.000862	0.000033	0.0247	0.00083	1.46729	0.00004	0.281827113	1343	-33.0993511	0.954788974	-3.715646981	1962.6441	2333.581044	14.8
Sequence 47	0.282132	0.000021	0.000287	0.000011	0.00827	0.00035	1.467311	0.000035	0.28212646	1024	-23.09174815	0.742613646	-0.354178058	1548.5709	1875.789085	16.5
Sequence 48	0.282044	0.000026	0.001042	0.000033	0.02858	0.00087	1.467321	0.000048	0.282013766	1532	-26.20365295	0.919426419	7.227703512	1701.774	1802.787783	13.32
Sequence 49	0.282276	0.000024	0.000402	0.0000085	0.01439	0.00031	1.467292	0.000033	0.28226736	1139	-17.99954029	0.84870131	7.250846631	1355.6461	1490.357435	20.12
Sequence 50	0.281958	0.000027	0.0005584	0.0000053	0.01654	0.00014	1.46731	0.000045	0.281944078	1319	-29.24483265	0.954788974	-0.114385905	1798.2007	2091.820001	12.81
Sequence 51	0.282216	0.000026	0.000863	0.000013	0.02573	0.00044	1.467304	0.000031	0.282200081	979	-20.12129356	0.919426419	1.235676678	1455.4679	1741.283247	14.63
Sequence 52	0.282014	0.00002	0.000327	0.000013	0.00997	0.00041	1.467334	0.000028	0.282008148	950	-27.26452959	0.707251092	-6.222498524	1711.2014	2183.053585	15.26
Sequence 53	0.281942	0.000023	0.0002131	0.000004	0.00788	0.00012	1.467321	0.000031	0.281936091	1465	-29.81063352	0.813338756	2.937222936	1803.9113	2016.975325	20.1
Sequence 54	0.282197	0.000026	0.001241	0.000051	0.0365	0.0017	1.467284	0.000034	0.282172219	1059	-20.7931821	0.919426419	2.061351066	1496.7113	1752.421628	16
Sequence 55	0.281653	0.000023	0.000408	0.0000037	0.01132	0.00015	1.467304	0.000037	0.28164483	1062	-40.0304118	0.813338756	-16.56492127	2205.4467	2906.325504	15.77
Sequence 56	0.281908	0.000026	0.001173	0.000016	0.0338	0.00035	1.467374	0.000044	0.281872838	1582	-31.01296038	0.919426419	3.373098135	1896.8688	2082.057656	15.34
Sequence 57	0.281893	0.000026	0.001183	0.000016	0.03283	0.00039	1.467306	0.000044	0.28185731	1592	-31.5433987	0.919426419	3.051442842	1918.2018	2109.885523	14.1
Sequence 58	0.282079	0.000039	0.002571	0.000039	0.0832	0.0015	1.467299	0.000033	0.282000744	1606	-24.96596354	1.379139629	8.463261769	1722.5651	1784.376172	15.57
Sequence 59	0.281987	0.000019	0.0004253	0.0000066	0.01255	0.00012	1.467295	0.000037	0.281978443	1067	-28.21931856	0.671888537	-4.626013056	1752.4301	2174.959593	16.15
Sequence 60	0.281885	0.000031	0.001219	0.000023	0.03381	0.0008	1.467307	0.000032	0.281851923	1434	-31.82629913	1.096239192	-0.75783317	1931.1438	2221.783007	15.69
Sequence 65	0.281982	0.000029	0.000635	0.000037	0.0187	0.0011	1.467302	0.000046	0.281968073	1162	-28.39613134	1.025514083	-2.837301357	1768.8642	2138.033654	12.93
Sequence 66	0.281937	0.000027	0.001225	0.000035	0.0357	0.001	1.467332	0.000041	0.28190148	1531	-29.98744629	0.954788974	3.220323716	1859.1329	2051.36084	14.44
Sequence 67	0.281851	0.000021	0.0007193	0.0000061	0.0199	0.00015	1.467312	0.000032	0.281829383	1586	-33.02862599	0.742613646	1.9226661	1952.6044	2175.111262	16.32
Sequence 68	0.282086	0.000024	0.000576	0.000016	0.01672	0.00052	1.467308	0.000035	0.282071717	1312	-24.71842566	0.84870131	4.252957629	1623.4646	1814.556209	14.79
Sequence 69	0.282152	0.000022	0.0008567	0.0000089	0.0259	0.00019	1.467345	0.000031	0.282135888	998	-22.38449706	0.777976201	-0.609098904	1544.0128	1871.352178	15.21
Sequence 70	0.281195	0.000026	0.001021	0.000013	0.02953	0.00042	1.467308	0.000038	0.281146115	2505	-56.2264618	0.919426419	-1.072005471	2866.5956	3081.451235	12.58
Sequence 71	0.282076	0.000023	0.0004888	0.0000089	0.01456	0.00027	1.467318	0.000041	0.282067272	948	-25.0720512	0.813338756	-4.17253301	1633.492	2054.225341	14.75
Sequence 72	0.281873	0.000019	0.0009447	0.0000069	0.02761	0.00023	1.467303	0.000037	0.281846859	1462	-32.25064979	0.671888537	-0.297303417	1933.8057	2215.212599	17.51
Sequence 73	0.282024	0.000028	0.000958	0.00004	0.0277	0.0012	1.467278	0.000031	0.281999859	1333	-26.91090404	0.990151529	2.183390364	1725.7266	1960.021062	16.4
Sequence 74	0.281903	0.000021	0.000641	0.00003	0.01683	0.00069	1.467282	0.000033	0.281891408	960	-31.18977315	0.742613646	-10.13347057	1877.4531	2432.749537	17.4
Sequence 75	0.282108	0.000025	0.0005922	0.0000078	0.01704	0.00026	1.467308	0.000042	0.28209491	1171	-23.94044946	0.884063865	1.864313853	1593.905	1852.644032	15.77
Sequence 76	0.28182	0.000025	0.000804	0.000034	0.0229	0.0011	1.467305	0.00004	0.281795698	1595	-34.12486518	0.884063865	0.933644611	1999.4874	2243.39592	14.56
Sequence 77	0.282091	0.000016	0.0000584	0.0000291	0.002093	0.000069	1.467286	0.000033	0.282089799	1090	-24.54161289	0.565800873	-0.156885629	1595.0394	1915.136597	22.8
Sequence 78	0.281976	0.000026	0.000532	0.000048	0.0143	0.0013	1.467267	0.000038	0.28196186	1405	-28.60830666	0.919426419	2.479502738	1772.3423	1998.212633	11.96
Sequence 79	0.282406	0.00003	0.001144	0.000037												

	176Hf/177Hf fstnorm	176Hf/177Hf corr 2SE	176Lu/177Hf corr	176Lu/177Hf corr 2SE	176Yb/177Hf corr	176Yb/177Hf corr 2SE	178Hf/177Hf	178Hf/177Hf 2SE	176Hf/177Hf	t (age, Ma)	εHf(0)	±2 sigma	εHf(t)	TDM	TDM C*	TotalHfBe am (V)
Sequence 98	0.282041	0.000024	0.0007017	0.0000044	0.01966	0.00014	1.467245	0.000031	0.282028537	943	-26.30974062	0.84870131	-5.658283006	1690.7816	2142.619015	16.09
Sequence 99	0.281626	0.000018	0.000025	0.000002	0.000875	0.000072	1.467216	0.000031	0.281625732	571	-40.98520077	0.636525983	-28.29625627	2220.0454	3249.330632	21.27

T12-10

San Juan de la Rosa Fm. (rhyolite)

Sequence 85	0.2827852	0.000038	0.003073	0.000086	0.0794	0.0024	1.467389	0.000063	0.282777387	136	0.007072511	1.343777074	2.752399071	700.12174	985.3852069	15
Sequence 86	0.282865	0.00004	0.002186	0.000093	0.0558	0.0024	1.467439	0.000066	0.282859442	136	2.829004367	1.414502184	5.654952445	566.42385	800.6693966	15.5
Sequence 87	0.282816	0.000029	0.002401	0.000039	0.06401	0.000097	1.467383	0.000061	0.282809671	141	1.096239192	1.025514083	4.005661777	641.87451	909.6273895	19.3
Sequence 88	0.282851	0.00004	0.00339	0.00014	0.0904	0.0036	1.467337	0.000053	0.282842064	141	2.333928603	1.414502184	5.151521915	606.97858	836.6796297	13.73
Sequence 89	0.282853	0.000032	0.002636	0.000031	0.06845	0.00095	1.46733	0.00005	0.282846249	137	2.404653712	1.131601747	5.21051757	591.29026	829.7795498	15.5
Sequence 90	0.282808	0.000028	0.002406	0.000067	0.0607	0.0016	1.467338	0.000058	0.282801991	133.6	0.813338756	0.990151529	3.569306672	653.72464	931.5816416	17.45
Sequence 91	0.282816	0.000056	0.003108	0.00007	0.0808	0.0018	1.467309	0.000095	0.282807982	138	1.096239192	1.980303057	3.87914264	654.65483	915.3238456	17.9
Sequence 92	0.282817	0.000044	0.00307	0.0001	0.08	0.0028	1.467309	0.000067	0.282808735	144	1.131601747	1.555952402	4.039332538	652.45731	909.8377207	15.6
Sequence 93	0.282218	0.000025	0.00133	0.000011	0.03472	0.00017	1.467378	0.000048	0.28218652	1253	-20.05056845	0.884063865	6.979254887	1470.7422	1597.536202	15.1
Sequence 94	0.282831	0.000034	0.003978	0.000087	0.1063	0.0025	1.467312	0.000053	0.282820589	140	1.626677511	1.202326856	4.369598297	648.04282	885.6847208	17.8
Sequence 95	0.282775	0.000033	0.002418	0.000027	0.06226	0.00071	1.467433	0.000071	0.282768898	135	-0.353625546	1.166964302	2.429846111	702.4462	1005.090497	15.1

MP-6

Mineral de Pozos Sandstone

Sequence 4	0.282826	0.00003	0.0005913	0.0000042	0.013453	0.000044	1.467346	0.000061	0.282824906	99	1.449864738	1.060876638	3.610157209	597.31845	901.8707934	23.2
Sequence 5	0.282667	0.000028	0.000903	0.000063	0.02	0.0013	1.467376	0.000057	0.282665448	92	-4.172781442	0.990151529	-2.185500945	826.36744	1263.965253	17.9
Sequence 6	0.281698	0.000032	0.0005676	0.0000043	0.014825	0.00009	1.467296	0.000049	0.281679904	1681	-38.43909684	1.131601747	-1.202025329	2153.3969	2442.69305	15.22
Sequence 7	0.282591	0.000028	0.000656	0.000012	0.01441	0.00024	1.467472	0.000053	0.282587611	276	-6.860335591	0.990151529	-0.842290009	927.10546	1322.349557	13.8
Sequence 8	0.282954	0.000034	0.001601	0.000039	0.03636	0.00079	1.467407	0.000055	0.282950978	101	5.976271726	1.202326856	8.113865201	429.11188	616.0899563	15.4
Sequence 9	0.282808	0.00002	0.0005639	0.0000065	0.01286	0.00014	1.467345	0.000041	0.282806957	99	0.813338756	0.707251092	2.975284236	622.08129	942.2549674	20
Sequence 10	0.282827	0.00002	0.000537	0.000011	0.01321	0.00027	1.467358	0.000035	0.282826087	91	1.485227293	0.707251092	3.474039955	595.0676	904.2645729	22.3
Sequence 11	0.282802	0.000019	0.0005376	0.0000087	0.01269	0.00018	1.467333	0.000038	0.282801005	99	0.601163428	0.671888537	2.764783238	630.04095	955.6381854	20.1
Sequence 12	0.282539	0.00002	0.0007601	0.0000064	0.01963	0.00016	1.467315	0.000032	0.282535458	249	-8.699188429	0.707251092	-3.289742421	1002.3212	1455.61714	21.6
Sequence 13	0.282818	0.000029	0.000635	0.000017	0.01493	0.0003	1.467386	0.000062	0.282816885	94	1.166964302	1.025514083	3.21525848	609.225	923.0781946	21.5
Sequence 14	0.282793	0.00002	0.000579	0.00001	0.01304	0.00027	1.467336	0.00004	0.282791994	93	0.282900437	0.707251092	2.312640359	643.32162	979.6802477	17.2
Sequence 15	0.282577	0.000017	0.000724	0.000018	0.01675	0.00045	1.467256	0.00004	0.282573396	266	-7.355411355	0.601163428	-1.568354006	948.32163	1360.366941	21.04
Sequence 16	0.281948	0.000028	0.0008902	0.000007	0.02257	0.0002	1.467315	0.000052	0.281920493	1630	-29.59845819	0.990151529	6.166147414	1827.6428	1946.466597	19.6
Sequence 17	0.282558	0.000026	0.000945	0.000023	0.02535	0.00064	1.467345	0.000036	0.282556181	103	-8.027299892	0.919426419	-5.80586809	980.55197	1500.816295	17.9
Sequence 18	0.282838	0.000022	0.00098	0.000015	0.02204	0.00034	1.467313	0.000034	0.28283626	95	1.874215393	0.777976201	3.922810633	586.50158	878.8362187	18
Sequence 21	0.282686	0.00002	0.000745	0.000026	0.01765	0.00073	1.467296	0.000032	0.282684677	95	-3.500892905	0.707251092	-1.438676091	796.30566	1219.075036	21.5
Sequence 22	0.282892	0.00002	0.00131	0.000027	0.02958	0.00069	1.467331	0.00004	0.28288965	96	3.783793341	0.707251092	5.833444837	514.51058	757.8494735	17.8
Sequence 23	0.282869	0.000019	0.000718	0.000013	0.01858	0.00037	1.467303	0.000029	0.282867699	97	2.970454586	0.671888537	5.079260285	538.84064	806.7341903	18.74
Sequence 24	0.282818	0.000024	0.000667	0.000022	0.01626	0.00057	1.467378	0.000048	0.282816805	95.9	1.166964302	0.84870131	3.254677745	609.73873	922.058711	17.9
Sequence 25	0.282834	0.000019	0.000923	0.000031	0.02235	0.00078	1.467255	0.000036	0.282832379	94	1.732765175	0.671888537	3.763284591	591.26872	888.2072602	18.14
Sequence 26	0.282892	0.000027	0.001017	0.000056	0.0239	0.0013	1.467265	0.000056	0.282890208	94.3	3.783793341	0.954788974	5.81537103	510.49711	757.6666149	23.57
Sequence 27	0.282735	0.000029	0.00085	0.000011	0.01938	0.00021	1.467351	0.000048	0.282733513	93.6	-1.76812773	1.025514083	0.257530157	729.61149	1110.575739	15.9
Sequence 28	0.282413	0.000021	0.001531	0.000037	0.02879	0.00091	1.467352	0.000037	0.282405665	256	-13.15487031	0.742613646	-7.726119559	1202.3644	1739.602733	19.8
Sequence 29	0.282841	0.000018	0.0006821	0.0000078	0.01531	0.00021	1.467331	0.000037	0.282839804	93.8	1.980303057	0.636525983	4.021483863	577.68007	871.6133576	21.6
Sequence 30	0.281999	0.000024	0.000763	0.000011	0.02187	0.0004	1.46732	0.000036	0.281980167	1306	-27.79496791	0.84870131	0.869156824	1751.3718	2020.543353	17.8
Sequence 31	0.282824	0.00002	0.000734	0.000013	0.01729	0.00032	1.4673	0.000033	0.282822697	95	1.379139629	0.707251092	3.443076686	602.38112	909.3682286	20.2
Sequence 32	0.282531	0.000035	0.00255	0.00011	0.0657	0.003	1.467274	0.000058	0.282522989	168	-8.982088866	1.237689411	-5.534782215	1063.5951	1534.063663	18.34
Sequence 33	0.282671	0.000015	0.000983	0.000015	0.02295	0.00032	1.467341	0.000031	0.282669089	104	-4.031331223	0.530438319	-1.789995508	822.48229	1248.294659	22.1
Sequence 34	0.282647	0.000018	0.00057	0.00002	0.01382	0.00048	1.46735	0.00004	0.282645988	95	-4.880032534	0.636525983	-2.807118485	847.02876	1305.570988	18.4
Sequence 35	0.282835	0.000022	0.000848	0.000023	0.02089	0.00059	1.467328	0.000033	0.282833431	99	1.76812773	0.777976201	3.911692627	588.68357	882.6795006	21.8
Sequence 36	0.28297	0.000027	0.001857	0.000058	0.0485	0.0016	1.467313	0.000045	0.282966495	101	6.542072599	0.954788974	8.662702434	408.83774	580.9671419	19.7
Sequence 37	0.282188	0.000024	0.000934	0.000037	0.0246	0.001	1.467338	0.000037	0.282167035	1189	-21.11144509	0.84870131	4.830993792	1497.1288	1681.499016	17.5
Sequence 42	0.282671	0.000024	0.000696	0.000017	0.01567	0.00038	1.467368	0.000064	0.282669764	95	-4.031331223	0.84870131	-1.966149623	816.26908	1252.431915	19.1
Sequence 43	0.282768	0.000027	0.000764	0.00005	0.0176	0.0011	1.46747	0.000066	0.282766675	92.8	-0.601163428	0.954788974	1.412677789	681.60538	1036.679204	18.5
Sequence 44	0.282798	0.000017	0.000553	0.000034	0.01475	0.00098	1.467287	0.000032	0.282797008	96	0.45971321	0.601163428	2.556688711	635.89018	966.5178485	19.64
Sequence 45	0.282818	0.000028	0.001334	0.000028	0.02874	0.00064	1.467322	0.000058	0.282815732	91	1.166964302	0.990151529	3.107778568	620.64761	927.5654933	22.2
Sequence 46	0.28281	0.000022	0.0004733	0.0000081	0.0107	0.00017	1.467421	0.000037	0.282809147	96.5	0.884063865	0.777976201	2.997147683	617.8181	938.9075038	17.7
Sequence 47	0.282802	0.000026	0.000466	0.000012	0.01162	0.00036	1.467348	0.000044	0.28280112	101	0.601163428	0.919426419	2.813323782	628.85871	954.1177866	17.1
Sequence 48	0.282811	0.000033	0.0008261	0.0000084	0.01953	0.00025	1.467314	0.000049	0.282809518	96	0.919426419	1.166964302	2.999171361	622.17008	938.387371	20.71
Sequence 49	0.282544	0.000036	0.0006355	0.0000065	0.01637	0.00019	1.467358	0.000056	0.28254286	96	-8.522375656	1.273051965	-6.432549844	992.08387	1534.825741	17.7
Sequence 50	0.282822	0.000015	0.0005318	0.0000059	0.01197	0.00016	1.46728	0.00003	0.282821036	97	1.30841452	0.530438319	3.428800035	601.9799	911.843285	22.6
Sequence 51	0.282865	0.00002	0.000932	0.000015	0.02037	0.00034	1.467301	0.000032	0.282863241	101	2.829004367	0.707251092	5.010554301	547.56302	814.2540714	21.1
Sequence 53	0.282314	0.00002	0.000597	0.0000033	0.01564	0.00096	1.467336	0.000048	0.282302272	1042	-16.65576321	0.742613646	6.285544776	1310.0364	1474.511864	20.8
Sequence 54	0.282679	0.000031	0.000663	0.000024	0.01636	0.00064	1.467377	0.000063	0.282676383	211	-3.724843078	1.096239192	0.84934486	804.37633	1164.712262	16.9

	176Hf/177Hf fstnorm	176Hf/177Hf orr 2SE	176Lu/177Hf orr	176Lu/177Hf r 2SE	176Yb/177Hf orr	176Yb/177Hf r 2SE	178Hf/177Hf 2SE	176Hf/177Hf t (age, Ma)	εHf(0)	±2 sigma	εHf(t)	TDM	TDM C*	TotalHfBe am (V)		
Sequence 55	0.282826	0.000029	0.000909	0.000037	0.0233	0.0011	1.467349	0.000064	0.282824352	97	1.449864738	1.025514083	3.546097277	602.35179	904.3800481	21.3
Sequence 56	0.282946	0.000049	0.0008741	0.0000045	0.019	0.00014	1.467287	0.000087	0.282944432	96	5.69371289	1.732765175	7.771088353	432.16036	634.0740717	20.1
Sequence 57	0.282831	0.000022	0.00156	0.000043	0.0375	0.001	1.467289	0.000039	0.282828172	97	1.626677511	0.777976201	3.681210534	605.74799	895.7819479	24.6
Sequence 58	0.282578	0.000015	0.0010508	0.0000054	0.02658	0.00013	1.467282	0.000031	0.282575506	127	-7.3200488	0.530438319	-4.588926245	955.13693	1442.782253	25.6
Sequence 61	0.282214	0.000027	0.0013577	0.0000065	0.03644	0.00016	1.467328	0.000043	0.282185311	1120	-20.19201867	0.954788974	3.910224719	1477.4538	1684.755434	20.8
Sequence 62	0.282471	0.000024	0.0010059	0.0000099	0.02236	0.00026	1.4674	0.000044	0.282465973	267	-11.10384214	0.84870131	-5.347035307	1104.3461	1598.926769	19.4
Sequence 63	0.282404	0.000023	0.002104	0.000014	0.05735	0.00037	1.467353	0.000049	0.282382323	549	-13.4731333	0.813338756	-2.000830297	1234.1115	1607.971802	17.8
Sequence 64	0.282841	0.000015	0.000082	0.000043	0.0213	0.0013	1.467294	0.000033	0.282839498	98	1.980303057	0.530438319	4.104051125	579.78844	869.6491203	22.8
Sequence 65	0.282411	0.000022	0.001205	0.000016	0.02991	0.00044	1.467248	0.000033	0.282407372	161	-13.22559542	0.777976201	-9.780478979	1194.7591	1794.972023	22.3
Sequence 66	0.282696	0.000013	0.0004509	0.0000062	0.01014	0.00015	1.467299	0.000028	0.282695225	92	-3.147267359	0.45971321	-1.132287517	776.27045	1197.354353	23.7
Sequence 67	0.282809	0.00002	0.0007682	0.0000082	0.01733	0.00018	1.467344	0.000039	0.282807616	96.4	0.84870131	0.707251092	2.940795531	624.03207	942.4125456	17
Sequence 68	0.282857	0.000019	0.000888	0.000025	0.02161	0.00065	1.467296	0.00003	0.282855291	103	2.546103931	0.671888537	4.773835274	558.22966	830.9095111	18.98
Sequence 69	0.282197	0.000021	0.0003795	0.0000034	0.00977	0.00011	1.467308	0.000037	0.282189776	1010	-20.7931821	0.742613646	1.572681785	1463.2566	1744.52008	22.1
Sequence 70	0.282814	0.000024	0.000655	0.000047	0.0152	0.0012	1.467338	0.000042	0.282812825	96	1.025514083	0.84870131	3.116138172	615.15764	930.9488308	18.99
Sequence 71	0.282799	0.000025	0.000647	0.000017	0.01507	0.0004	1.467316	0.000051	0.282797755	103	0.495075764	0.884063865	2.738746047	636.0621	960.4238612	20.8
Sequence 72	0.282969	0.000019	0.000949	0.000017	0.02004	0.00046	1.467297	0.000035	0.282966836	122	6.506710045	0.671888537	9.142114951	400.38184	566.8492036	20.4
Sequence 73	0.282359	0.000045	0.001486	0.00002	0.03806	0.00062	1.46736	0.000072	0.282345427	487	-15.06444826	1.591314957	-4.696956538	1277.4765	1728.735109	21.8
Sequence 74	0.281833	0.000043	0.001287	0.000047	0.02924	0.00095	1.46737	0.000076	0.281793876	1604	-33.66515197	1.520589847	1.075440747	2006.9548	2241.695458	24.5
Sequence 75	0.282184	0.000022	0.000851	0.000031	0.02124	0.0008	1.467287	0.000027	0.282158817	1562	-21.25289531	0.777976201	13.06310412	1499.4138	1461.535009	13.2
Sequence 76	0.282151	0.000023	0.000516	0.000014	0.01328	0.00036	1.467328	0.000035	0.282139673	1163	-22.41985961	0.813338756	3.269504495	1531.6976	1758.646815	15.4
Sequence 77	0.282689	0.000022	0.000784	0.000011	0.0186	0.00025	1.467317	0.000035	0.282687535	100	-3.394805241	0.777976201	-1.22647949	792.91635	1209.542055	18.8
Sequence 82	0.282515	0.000025	0.000906	0.000017	0.0216	0.00043	1.467439	0.000052	0.282513304	100.2	-9.54788974	0.884063865	-7.38467172	1039.8216	1597.910148	17.8
Sequence 83	0.28161	0.000021	0.0002927	0.0000038	0.00821	0.00016	1.467343	0.000058	0.281600967	1628	-41.55100164	0.742613646	-5.220629037	2256.8853	2648.404701	23.8
MP-6_1	0.281931	0.000021	0.001093	0.00004	0.0287	0.0012	1.467368	0.000049	0.281896742	1653	-30.19962162	0.742613646	5.851519314	1860.9881	1984.217288	21.3

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Sequence 5	0.282569	0.000036	0.002218	0.000037	0.0575	0.001	1.467275	0.000033	0.282561675	176.6	-7.638311792	1.273051965	-3.974859352	998.7456	1442.560965	19.6
Sequence 6	0.282715	0.000026	0.0010119	0.0000091	0.02407	0.00027	1.467235	0.000025	0.282712145	150.9	-2.475378821	0.919426419	0.776114705	761.00445	1122.422555	18.13
Sequence 7	0.282159	0.000023	0.000806	0.000012	0.02025	0.00031	1.46726	0.000035	0.282155167	254.1	-22.13695917	0.813338756	-16.63171127	1532.2691	2292.977226	15.86
Sequence 8	0.282587	0.000024	0.0007842	0.0000096	0.01904	0.00021	1.467233	0.000031	0.282571923	1020	-7.001785809	0.84870131	15.34395049	935.8352	884.6393562	15.31
Sequence 9	0.282591	0.000033	0.001603	0.000068	0.041	0.0019	1.467288	0.000028	0.28258582	172.8	-6.860335591	1.166964302	-3.205267344	950.75472	1391.11627	15.6
Sequence 10	0.282635	0.000022	0.001008	0.000044	0.0245	0.0011	1.467271	0.000027	0.282631782	170.7	-5.304383189	0.777976201	-1.626042945	873.78551	1289.827358	16.94
Sequence 11	0.282783	0.000028	0.001485	0.000015	0.03567	0.00045	1.467266	0.000032	0.282778413	165.2	-0.070725109	0.990151529	3.43868258	673.34401	964.6483918	15.09
Sequence 12	0.28268	0.000024	0.000874	0.000021	0.0219	0.00048	1.467224	0.000028	0.282677161	173.7	-3.713068232	0.84870131	0.046060006	807.45922	1186.445472	16.09
Sequence 13	0.282463	0.00003	0.0009581	0.0000061	0.02362	0.0002	1.467267	0.000036	0.282459821	177.4	-11.38674258	1.060876638	-7.560272782	1114.1605	1668.526908	16.27
Sequence 14	0.282585	0.000028	0.001275	0.000039	0.0325	0.0011	1.467311	0.000029	0.282580684	181	-0.772510918	0.990151529	-3.204440403	950.93306	1397.431928	18.2
Sequence 15	0.28257	0.000037	0.001362	0.000019	0.03506	0.00049	1.467251	0.000045	0.282565749	166.9	-7.602949237	1.30841452	-4.046587053	974.45214	1439.554594	12.89
Sequence 16	0.282565	0.000023	0.00116	0.000084	0.0291	0.0022	1.46725	0.000028	0.282561204	175	-7.77976201	0.813338756	-4.027135671	976.27599	1444.612323	16.4
Sequence 17	0.282602	0.000025	0.002041	0.000068	0.0531	0.0017	1.467226	0.000023	0.282595493	170.5	-6.47134749	0.884063865	-2.91427916	946.18735	1370.981058	20.2
Sequence 18	0.282129	0.000016	0.000126	0.00002	0.00298	0.00039	1.467275	0.000028	0.28212862	161.5	-23.19783581	0.565800873	-19.63031588	1546.2287	2408.166132	21.6
Sequence 19	0.282725	0.00004	0.001416	0.000052	0.0346	0.0013	1.467223	0.000037	0.282705569	730	-2.121753275	1.414502184	13.5178662	754.98219	769.4793286	8.86
Sequence 20	0.282587	0.000025	0.0011577	0.0000058	0.03076	0.00025	1.467219	0.000025	0.28258325	173.2	-7.001785809	0.884063865	-3.287272194	945.13829	1396.596591	15.63
Sequence 21	0.282718	0.000029	0.001323	0.000046	0.03042	0.00092	1.467235	0.000033	0.282713623	176.9	-2.369291158	1.025514083	1.407212707	763.07189	1102.734665	15.2
Sequence 22	0.282303	0.000024	0.000446	0.000014	0.01174	0.00042	1.467287	0.00003	0.282300846	258	-17.04475131	0.84870131	-11.39032751	1320.0352	1970.118043	16.25
Sequence 23	0.282569	0.000019	0.001093	0.000018	0.02732	0.00046	1.467246	0.000029	0.2825505	899	-7.638311792	0.671888537	11.84243398	968.89897	1010.397888	15.8
Sequence 24	0.282538	0.000023	0.000966	0.000024	0.02417	0.00064	1.467257	0.000027	0.282534916	170.7	-8.734550984	0.813338756	-5.052769485	1009.187	1505.838713	14.64
Sequence 25	0.282587	0.000026	0.001131	0.000013	0.03064	0.00044	1.467256	0.000027	0.28258156	257	-7.001785809	0.919426419	-1.48017505	944.46712	1347.797497	18.3
Sequence 26	0.282549	0.000021	0.00091	0.000012	0.02271	0.00038	1.467256	0.000032	0.282544929	239.1	-8.345562883	0.742613646	-3.175326659	992.26861	1440.722831	15.74
Sequence 27	0.282228	0.000028	0.0002109	0.0000034	0.00572	0.00012	1.467245	0.000033	0.282223785	1060	-19.69694291	0.990151529	3.911858052	1414.5547	1637.433353	15.5
Sequence 28	0.282608	0.000033	0.00311	0.000028	0.0829	0.0078	1.46723	0.000029	0.282596669	194.8	-6.259172163	1.166964302	-2.331703727	965.6468	1353.119294	12.77
Sequence 29	0.282166	0.000028	0.000786	0.000029	0.01929	0.00095	1.467279	0.000037	0.282147441	1250	-21.88942129	0.990151529	5.525076475	1521.7781	1686.195175	15
Sequence 30	0.282543	0.000039	0.001477	0.000021	0.03625	0.00057	1.467295	0.000041	0.282534582	304.4	-8.557738211	1.379139629	-2.084991164	1015.9047	1422.819002	14.38
Sequence 31	0.282751	0.000022	0.000927	0.000011	0.01988	0.00027	1.467262	0.000028	0.282746573	255.2	-1.202326856	0.777976201	4.318262917	708.53629	979.3410904	18.7
Sequence 32	0.282369	0.000025	0.000724	0.000013	0.01881	0.00041	1.467251	0.000028	0.282354943	1030	-14.71082271	0.884063865	7.880217554	1238.0492	1364.581258	17.9
Sequence 33	0.282173	0.000032	0.001179	0.000032	0.02769	0.00071	1.467268	0.000036	0.282146738	1180	-21.64188341	1.131601747	3.906582287	1527.8285	1732.214145	17
Sequence 34	0.282332	0.000023	0.001645	0.00001	0.03916	0.00032	1.467276	0.000029	0.282301062	998	-16.01923723	0.813338756	5.244963881	1321.3383	1505.004942	17.2
Sequence 35	0.282087	0.000023	0.000194	0.000029	0.00387	0.00054	1.46722	0.00003	0.282083495	959	-24.6830631	0.813338756	-3.34876059	1606.1132	2011.562446	16.55
Sequence 36	0.282158	0.000021	0.0005387	0.000008	0.01354	0.00021	1.467268	0.000029	0.282146514	1130	-22.17232173	0.742613646	2.761993124	1522.9786	1764.407368	14.57
Sequence 37	0.282627	0.000021	0.000745	0.000024	0.01768	0.00058	1.467231	0.000027	0.282624516	178.3	-5.587283625	0.742613646	-1.713925191	878.92721	1301.291872	20.1
Sequence 38	0.282228	0.000023	0.0005148	0.0000059	0.01375	0.00017	1.46727	0.000031	0.282217711	1060	-19.69694291	0.813338756	3.69654934	1425.752	1650.916577	16.32
Sequence 39	0.282596	0.000021	0.0007452	0.0000054	0.01954	0.00019	1.467244	0.000026	0.282591866	296.3	-6.683522818	0.742613646	-0.238720206	922.29238	1300.078869	16.21
Sequence 40	0.282493	0.000019	0.0006417	0.000005	0.01704	0.00015	1.467266	0.000028	0.282487797	416	-10.32586594	0.671888537	-1.239738948	1063.2162	1456.512421	19.5

	176Hf/177Hf fstnorm	176Hf/177Hf corr 2SE	176Lu/177Hf corr	176Lu/177Hf corr 2SE	176Yb/177Hf corr	176Yb/177Hf corr 2SE	178Hf/177Hf	178Hf/177Hf 2SE	176Hf/177Hf	t (age, Ma)	εHf(0)	±2 sigma	εHf(t)	TDM	TDM C*	TotalHfBe am (V)
Sequence 41	0.282552	0.000022	0.000665	0.000028	0.01674	0.00073	1.467252	0.000029	0.282546389	450	-8.23947522	0.777976201	1.588275571	981.70433	1304.841941	16.94
Sequence 42	0.282522	0.000034	0.000828	0.000043	0.0222	0.0014	1.467291	0.000045	0.282514531	481	-9.300351857	1.202326856	1.155005882	1027.8952	1356.422599	11.5
Sequence 43	0.282304	0.00002	0.001478	0.000035	0.03513	0.0009	1.467225	0.000026	0.282290361	492	-17.00938876	0.707251092	-6.53436903	1055.0535	1847.513009	20.5
Sequence 44	0.282378	0.000022	0.001799	0.000049	0.0434	0.0013	1.467245	0.000026	0.282361772	481	-14.39255972	0.777976201	-4.252742747	1261.12	1696.259259	19.2
Sequence 45	0.282337	0.000026	0.000902	0.000013	0.02287	0.00028	1.467313	0.000033	0.282326856	599	-15.84242446	0.919426419	-2.8425314	1288.4991	1699.663105	17.41
Sequence 46	0.282833	0.000021	0.000803	0.000012	0.01828	0.00027	1.467259	0.000028	0.282828475	301	1.69740262	0.742613646	8.238880055	590.80091	765.8646377	17.45
Sequence 47	0.28222	0.000031	0.0002583	0.0000083	0.00673	0.00027	1.467265	0.00003	0.282214443	1140	-19.97984334	1.096239192	5.397527073	1427.2295	1607.392808	14.6
Sequence 48	0.281935	0.000029	0.001152	0.00003	0.02941	0.0008	1.467302	0.000033	0.281915567	896	-30.0581714	1.025514083	-10.72340406	1858.3297	2419.792863	20.9
Sequence 49	0.28263	0.000029	0.001884	0.000045	0.04676	0.00099	1.467256	0.000032	0.282616374	386	-5.481195962	1.025514083	2.632909003	901.78515	1188.731805	16.65
Sequence 50	0.282587	0.000031	0.001973	0.000074	0.0507	0.002	1.467257	0.000035	0.282580979	163.2	-7.001785809	1.096239192	-3.590153421	966.1025	1407.925077	14.31
Sequence 51	0.282664	0.000019	0.000562	0.000019	0.01205	0.00047	1.467248	0.000029	0.282660916	293.1	-4.278869106	0.671888537	2.13323459	823.15885	1147.612052	17.7

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Z12-04	0.281004	0.000022	0.00076	0.000033	0.01889	0.00078	1.467259	0.00003	0.280969439	2382	-62.98070973	0.777976201	-10.22481059	3104.3423	3539.200634	18.2
Sequence 58	0.282803	0.000025	0.00057	0.00001	0.01306	0.00036	1.467248	0.00003	0.28279983	297.1	0.636525983	0.884063865	7.138114137	629.17809	832.938015	19.1
Sequence 59	0.282325	0.000028	0.001512	0.000045	0.0366	0.0015	1.467277	0.000043	0.282311329	482.1	-16.26677511	0.990151529	-6.013794714	1326.5487	1807.316505	17.3
Sequence 60	0.282826	0.000034	0.001101	0.000023	0.02659	0.0008	1.467289	0.000042	0.282820742	255.2	1.449864738	1.202326856	6.942556879	605.435	812.3866144	15.6
Sequence 61	0.282864	0.000026	0.000922	0.00001	0.02026	0.00047	1.467286	0.000036	0.282859436	264.5	2.793641813	0.919426419	8.519256442	548.83227	719.1689918	14.4
Sequence 62	0.282601	0.000029	0.001918	0.000092	0.0478	0.0024	1.467278	0.000032	0.28259031	297.7	-6.506710045	1.025514083	-0.26253949	944.4677	1302.674753	13.07
Sequence 63	0.282141	0.000041	0.000606	0.000012	0.01504	0.00026	1.467281	0.000042	0.282126888	1233	-22.77348516	1.449864738	4.409008298	1549.0631	1742.560042	19.07
Sequence 64	0.282676	0.000053	0.000893	0.000019	0.02203	0.00061	1.467236	0.000064	0.28267136	277.6	-3.85451845	1.874215393	2.156807156	813.49158	1133.989335	8.04
Sequence 65	0.282317	0.000041	0.001967	0.000038	0.05	0.0011	1.467219	0.000041	0.28229949	474.7	-16.54967555	1.449864738	-6.598623863	1354.3783	1838.136399	12.9
Sequence 66	0.282595	0.000042	0.00183	0.000011	0.0468	0.003	1.467259	0.000038	0.282585834	267.6	-6.718885372	1.485227293	-1.092539483	950.84876	1331.596397	15.22
Sequence 67	0.282658	0.000042	0.00283	0.00012	0.0739	0.0041	1.467264	0.000049	0.282643061	282	-4.491044433	1.485227293	1.253661091	884.10593	1194.597286	18.3
Sequence 68	0.282266	0.000029	0.0002622	0.0000055	0.00673	0.00015	1.467232	0.000036	0.282260779	1056	-18.35316583	1.025514083	5.132431045	1364.4317	1557.780702	11.49
Sequence 69	0.281735	0.00003	0.000824	0.000012	0.02023	0.00036	1.467281	0.000031	0.281706631	1813	-37.13068232	1.060876638	2.784354644	2117.1244	2300.530176	15.4
Sequence 70	0.28223	0.00006	0.00356	0.00036	0.099	0.012	1.467281	0.000074	0.282139677	1342	-19.6262178	2.121753275	7.348021106	1545.5981	1644.85396	10.33
Sequence 71	0.282597	0.000044	0.002702	0.000057	0.0696	0.0016	1.467223	0.000043	0.282584496	247.3	-6.648160263	1.555952402	-1.592589564	970.91854	1347.337092	15.06
Sequence 72	0.282158	0.000027	0.001524	0.000062	0.0404	0.0015	1.467262	0.000029	0.282129946	977	-22.17232173	0.954788974	-1.295196046	1563.0834	1877.191866	22.06
Sequence 73	0.282221	0.000022	0.001205	0.000046	0.028	0.0012	1.467283	0.000028	0.282203803	759	-19.94448079	0.777976201	-3.601692075	1461.6629	1871.625502	20.6
Sequence 74	0.282459	0.00002	0.001011	0.000029	0.02232	0.00065	1.467275	0.000025	0.282450112	468.8	-11.5281928	0.707251092	-1.398741583	1121.3323	1507.666303	19.42
Sequence 75	0.282166	0.00003	0.00173	0.00006	0.0424	0.0014	1.467255	0.000035	0.282121378	1364	-21.88942129	1.060876638	7.201372173	1560.3882	1671.439694	15.15
Sequence 77	0.282155	0.000036	0.001286	0.000089	0.0306	0.0021	1.467253	0.000035	0.282123529	1295	-22.27840939	1.273051965	5.702806072	1557.4094	1710.603816	21.6
Sequence 78	0.282176	0.000031	0.00069	0.000045	0.0184	0.0016	1.467258	0.000028	0.282157793	1395	-21.53579575	1.096239192	9.201498897	1504.1499	1570.78987	18.3
Sequence 79	0.28252	0.000029	0.001792	0.000032	0.03741	0.00073	1.467277	0.00004	0.282508939	329.6	-9.371076967	1.025514083	-2.429838609	1057.5672	1464.137538	17.5
Sequence 80	0.282706	0.000027	0.002333	0.000021	0.05759	0.00054	1.467268	0.00003	0.282691612	329.3	-2.793641813	0.954788974	4.028010046	801.8437	1055.914697	20.1
Sequence 81	0.282471	0.000032	0.001372	0.000083	0.0411	0.0034	1.467254	0.000036	0.282452381	722	-11.10384214	1.131601747	4.369590918	1155.152	1342.798271	12.56
Sequence 82	0.282015	0.000032	0.001321	0.000035	0.0381	0.0011	1.467251	0.000044	0.28198161	1337	-27.22916704	1.131601747	1.627399127	1754.9327	1997.742806	19
Sequence 83	0.282466	0.000023	0.001035	0.000014	0.02659	0.00042	1.467262	0.000029	0.282457126	457.3	-11.28065491	0.813338756	-1.40803514	1112.2179	1499.287704	21.1
Sequence 84	0.282594	0.000023	0.001434	0.000015	0.03221	0.00045	1.467254	0.000035	0.282588076	220.8	-6.754247927	0.813338756	-2.056537629	942.17538	1355.981867	17.71
Sequence 85	0.282747	0.000052	0.001698	0.000059	0.041	0.0016	1.467316	0.000057	0.282738266	274.8	-1.3437777074	1.838852839	4.461743631	729.07934	985.6123392	13
Sequence 86	0.282184	0.000029	0.000906	0.000018	0.02325	0.00053	1.467264	0.000031	0.282162781	1240	-21.25289531	1.025514083	5.841231321	1501.5827	1658.521776	16.1
Sequence 87	0.282563	0.000038	0.00322	0.00011	0.0982	0.0039	1.467223	0.000032	0.282531587	520	-7.850487119	1.343777074	2.633232135	1035.8818	1293.718161	21.4
Sequence 88	0.282206	0.00005	0.000649	0.00003	0.01896	0.00097	1.467388	0.000054	0.282193263	1041	-20.47491911	1.76812773	2.399006174	1461.1359	1717.180384	9.3
Sequence 89	0.282126	0.000029	0.000884	0.000019	0.02178	0.00049	1.467254	0.000035	0.282104383	1294	-23.30392348	1.025514083	5.001003859	1581.173	1753.667933	21.7
Sequence 90	0.282209	0.000078	0.000679	0.000058	0.0183	0.0017	1.467308	0.00008	0.282194626	1122	-20.36883144	2.758279258	4.285909359	1458.1369	1662.819872	12.3
Sequence 91	0.282238	0.000031	0.000958	0.00002	0.022	0.00044	1.467252	0.000044	0.282217702	1123	-19.34331736	1.096239192	5.126703648	1428.4763	1610.955271	20.3
Sequence 92	0.282698	0.000048	0.001524	0.000039	0.03425	0.00098	1.467266	0.000041	0.282691505	227.8	-3.076542249	1.69740262	1.758783512	795.83045	1120.244784	10.69
Sequence 93	0.282052	0.00003	0.001031	0.000034	0.02502	0.00076	1.467279	0.000034	0.282023154	1478	-25.92075252	1.060876638	6.323761983	1690.1717	1816.431418	16.6
Sequence 94	0.281658	0.000031	0.001219	0.000037	0.03093	0.00097	1.467308	0.000036	0.281616103	1810	-39.85359902	1.096239192	-0.499231436	2245.6481	2500.566878	15.5
Sequence 95	0.282716	0.000029	0.00087	0.000066	0.0213	0.0019	1.467284	0.000034	0.28271168	265.3	-2.440016267	1.025514083	3.309015585	756.74025	1051.325732	15.5
Sequence 96	0.282145	0.000036	0.001296	0.000025	0.03517	0.00073	1.467279	0.000038	0.282129421	640	-22.63203494	1.273051965	-8.913155262	1571.843	2110.134846	13.6
Sequence 97	0.282231	0.000028	0.001023	0.000023	0.02731	0.00067	1.467292	0.00003	0.282211721	1000	-19.59085524	0.990151529	2.123883492	1440.6934	1702.203568	19.5
Sequence 98	0.282806	0.000033	0.002038	0.000029	0.05442	0.00088	1.467257	0.000048	0.282796767	242.1	0.742613646	1.166964302	5.8019936	650.05903	874.7102327	14.2
Sequence 99	0.282349	0.000024	0.001229	0.000019	0.03173	0.00053	1.467256	0.000032	0.282323804	1087	-15.4180738	0.84870131	8.070224307	1282.8182	1397.724364	16.74

	176Hf/177Hf fstnorm	176Hf/177Hf corr 2SE	176Lu/177Hf corr	176Lu/177Hf corr 2SE	176Yb/177Hf corr	176Yb/177Hf corr 2SE	178Hf/177Hf 2SE	176Hf/177Hf t (age, Ma)	εHf(0)	±2 sigma	εHf(t)	TDM	TDM C*	TotalHfBe am (V)		
Sequence 106	0.282585	0.000026	0.001974	0.000026	0.04994	0.00068	1.467233	0.000028	0.28257306	323	-7.072510918	0.919426419	-0.308089325	969.01699	1325.28562	23.2
Sequence 107	0.28112	0.000033	0.000536	0.000032	0.0141	0.0012	1.467252	0.000041	0.281090116	2906	-58.87865339	1.166964302	6.352311587	2931.3685	2947.043293	25
Sequence 108	0.282592	0.00004	0.001844	0.000031	0.04232	0.00075	1.467313	0.000043	0.282584282	223.7	-6.824973036	1.414502184	-2.126148342	955.52775	1362.628446	11.2
z12-04_1	0.281879	0.000047	0.000891	0.000022	0.025	0.00063	1.467275	0.00005	0.281869874	545.8	-32.03847446	1.662040066	-20.21621349	1922.8214	2736.303945	14.2

Z12-06

Zacatecas Fm.

z12-06	0.28228	0.000022	0.0007309	0.0000091	0.018	0.00034	1.467284	0.000029	0.282264793	1103	-17.85809007	0.777976201	6.341728725	1361.7883	1518.983449	17.1
Sequence 115	0.282073	0.000017	0.00013	0.000014	0.00331	0.00034	1.467269	0.000027	0.28207028	1109	-25.17813887	0.601163428	-0.41755965	1622.4799	1946.241413	21
Sequence 116	0.282229	0.000026	0.000774	0.000015	0.01939	0.00038	1.467224	0.000027	0.282213441	1066	-19.66158035	0.919426419	3.681363048	1434.0574	1656.58747	14.88
Sequence 117	0.282141	0.000022	0.0005228	0.000005	0.01295	0.00016	1.467234	0.000029	0.282128985	1217	-22.77348516	0.777976201	4.119076569	1545.7091	1748.070618	18.2
Sequence 118	0.282164	0.000021	0.0005412	0.0000048	0.0137	0.00015	1.467256	0.000024	0.282151831	1191	-21.9601464	0.742613646	4.337424559	1514.8264	1713.943729	17.7
Sequence 119	0.282326	0.000021	0.000594	0.000015	0.01556	0.0004	1.467271	0.000033	0.282315562	933	-16.23141256	0.742613646	4.286821221	1293.3408	1513.981804	19.78
Sequence 120	0.282185	0.000025	0.001074	0.000016	0.02713	0.00044	1.467222	0.00003	0.2821596	1252	-21.21753275	0.884063865	6.001819347	1506.8518	1657.947656	14.66
Sequence 121	0.282295	0.000019	0.000889	0.000015	0.02259	0.00032	1.467242	0.000026	0.282281605	801	-17.32765175	0.671888537	0.10125777	1346.5726	1672.905546	18.32
Sequence 122	0.282167	0.00002	0.000514	0.00002	0.01322	0.00054	1.467256	0.000032	0.282155433	1192	-21.85405874	0.707251092	4.487887243	1509.6308	1705.323507	18.43
Sequence 123	0.282458	0.000025	0.001221	0.000046	0.03123	0.00098	1.467247	0.000026	0.282442908	658	-11.56355535	0.884063865	2.59322462	1129.0104	1404.437819	20
Sequence 124	0.282299	0.000021	0.00068	0.000012	0.01869	0.00033	1.467248	0.00003	0.282290788	643	-17.18620153	0.742613646	-3.131250142	1333.664	1751.975676	19.1
Sequence 125	0.282072	0.000019	0.000808	0.000021	0.01797	0.00042	1.467271	0.000033	0.282056081	1045	-25.21350142	0.671888537	-2.372769963	1652.6776	2017.900578	17.1
Sequence 128	0.282151	0.000019	0.0007415	0.0000037	0.01839	0.00012	1.46725	0.000029	0.282135558	1104	-22.41985961	0.671888537	1.783039473	1540.7388	1805.124536	21.3
Sequence 129	0.282156	0.000021	0.0004356	0.0000075	0.01136	0.00019	1.46724	0.000029	0.282147343	1054	-22.24304684	0.742613646	1.066170043	1521.6435	1810.661438	17.58
Sequence 130	0.282142	0.00002	0.000504	0.0000038	0.01255	0.0001	1.46729	0.000029	0.282130802	1177	-22.7381226	0.707251092	3.273334388	1543.58	1769.419545	16.88
Sequence 131	0.282241	0.000023	0.000916	0.000016	0.0243	0.00042	1.467255	0.000032	0.282222726	1058	-19.2372297	0.813338756	3.828971441	1422.7226	1641.050717	17.01
Sequence 132	0.281889	0.000025	0.001189	0.000043	0.0302	0.0011	1.467237	0.00003	0.281853518	1575	-31.68484891	0.884063865	2.526926103	1924.0604	2129.018164	13.48
Sequence 133	0.282106	0.000018	0.000346	0.000029	0.00861	0.00071	1.467257	0.000025	0.282099335	1022	-24.01117457	0.636525983	-1.360928114	1586.4768	1936.96888	19.6
Sequence 134	0.282358	0.000022	0.001296	0.000023	0.03246	0.00056	1.467269	0.000032	0.282346529	472	-15.09981081	0.777976201	-4.993897557	1272.4216	1735.686885	17.79
Sequence 135	0.28227	0.000024	0.000726	0.000014	0.01959	0.00037	1.467267	0.000029	0.282255517	1058	-18.21171561	0.84870131	4.991277223	1375.4719	1568.209846	16.16
Sequence 136	0.282563	0.000024	0.001856	0.000021	0.04185	0.00051	1.467256	0.000031	0.282554773	236.9	-7.850487119	0.84870131	-2.876058414	997.57544	1420.162803	16.03
Sequence 137	0.282149	0.00002	0.00049	0.000023	0.01249	0.00057	1.467224	0.000032	0.282137889	1201	-22.49058472	0.707251092	4.070610849	1533.408	1738.498007	18.17
Sequence 138	0.282562	0.000024	0.001275	0.000039	0.02685	0.00083	1.467262	0.000029	0.282555401	276.5	-7.885849674	0.84870131	-1.970858632	983.52232	1393.916835	16.95
Sequence 139	0.28176	0.000025	0.000769	0.000033	0.0186	0.00079	1.467263	0.000026	0.281732128	1907	-36.24661846	0.884063865	5.858729176	2079.873	2184.735618	16.1
Sequence 140	0.281931	0.000026	0.001272	0.00005	0.0336	0.0013	1.467265	0.000022	0.281891524	1637	-30.19962162	0.919426419	5.298723158	1869.8054	2005.915156	19.21
Sequence 141	0.282276	0.000027	0.001369	0.000023	0.03389	0.00067	1.467254	0.00003	0.282262644	520	-17.99954029	0.954788974	-6.88828931	1390.5908	1891.281786	16.63
Sequence 142	0.282191	0.000025	0.001078	0.000024	0.0281	0.00066	1.46726	0.000022	0.282166843	1187	-21.00535743	0.884063865	4.778709892	1498.6385	1683.193388	19
Sequence 143	0.281949	0.000024	0.001122	0.000033	0.02903	0.00094	1.467253	0.000032	0.281917242	1495	-29.56309564	0.84870131	2.95508245	1837.4262	2039.48185	18.3
Sequence 144	0.282085	0.00002	0.000208	0.000027	0.00505	0.00059	1.467237	0.000029	0.282081163	979	-24.75378821	0.707251092	-2.978800087	1609.4151	2004.129688	21.6
Sequence 145	0.28216	0.000026	0.000692	0.000014	0.01811	0.00039	1.46725	0.000029	0.282143528	1260	-22.10159662	0.919426419	5.614182287	1526.3217	1688.514837	17.17
Sequence 146	0.28215	0.00002	0.000653	0.00002	0.0163	0.00049	1.467259	0.000022	0.282135579	1170	-22.45522217	0.707251092	3.283504998	1538.5566	1763.278133	18.69
Sequence 147	0.282247	0.000027	0.0007574	0.0000094	0.01971	0.00025	1.467297	0.000029	0.282232337	1027	-19.02505437	0.954788974	3.466536309	1408.4916	1639.366347	16
Sequence 148	0.282129	0.000028	0.0009653	0.000006	0.0241	0.00023	1.467258	0.000032	0.282120056	494	-23.19783581	0.990151529	-12.51863664	1580.3892	2221.560167	16.8
Sequence 149	0.282316	0.000023	0.000601	0.000017	0.01625	0.0003	1.46725	0.000026	0.282310137	520	-16.5850381	0.813338756	-5.206889076	1307.4077	1786.241879	18.3
Sequence 150	0.282175	0.00002	0.000847	0.000022	0.02251	0.00057	1.467237	0.000026	0.282155955	1191	-21.5711583	0.707251092	4.483653135	1511.7372	1704.800353	19.3
Sequence 151	0.282323	0.000024	0.001196	0.000011	0.03086	0.00045	1.467275	0.000029	0.282312684	460	-16.33750022	0.84870131	-6.460624075	1318.228	1818.13453	18.8
Sequence 152	0.282191	0.000023	0.000597	0.000012	0.01561	0.00028	1.467277	0.000031	0.282178635	1098	-21.00535743	0.813338756	3.17390613	1479.831	1713.506688	16.2
Sequence 153	0.282198	0.000024	0.000357	0.000019	0.00963	0.00054	1.467254	0.000031	0.282190824	1066	-20.75781954	0.84870131	2.879630735	1461.0328	1706.758333	15.17
Sequence 154	0.282181	0.000026	0.001237	0.000027	0.03051	0.0006	1.467252	0.000027	0.282151721	1253	-21.35898297	0.919426419	5.745211407	1518.9726	1764.793059	18.5
Sequence 155	0.282274	0.000022	0.000995	0.000023	0.02396	0.00045	1.467272	0.000026	0.282255589	982	-18.0702654	0.777976201	3.270856676	1379.6551	1616.248724	17.7
Sequence 156	0.28219	0.000029	0.000602	0.00004	0.01553	0.00098	1.467251	0.000033	0.28217628	1207	-21.04071998	1.025514083	5.568463581	1481.4025	1649.54617	16.55
Sequence 157	0.282234	0.000031	0.001509	0.000051	0.0373	0.0013	1.467276	0.000038	0.282199984	1194	-19.48476758	1.096239192	6.113056023	1455.178	1605.180348	13.23
Sequence 158	0.282258	0.000024	0.000782	0.00001	0.02033	0.00028	1.467265	0.000026	0.282243531	982	-18.63066627	0.84870131	2.84348526	1394.1431	1643.023896	17.33
Sequence 159	0.282289	0.000022	0.000711	0.000037	0.01774	0.00091	1.467207	0.000024	0.282275871	980	-17.53982708	0.777976201	3.944352627	1348.6074	1572.453078	19.2
Sequence 160	0.281958	0.000021	0.0003446	0.0000071	0.00849	0.00019	1.467264	0.000026	0.281948683	1429	-29.24483265	0.742613646	2.560573114	1788.2649	2012.051164	19.8
Sequence 161	0.280955	0.000022	0.0004018	0.0000044	0.010238	0.000091	1.467236	0.00003	0.280934463	2670	-64.7134749	0.777976201	-4.737825106	3141.0782	3432.877681	17.03
Sequence 162	0.282303	0.00002	0.0003363	0.0000043	0.00811	0.00011	1.467259	0.000025	0.282296291	1058	-17.04475131	0.707251092	6.4365836	1316.2772	1477.495139	17.57
Sequence 163	0.282051	0.000022	0.00064	0.000064	0.0161	0.0016	1.467291	0.000028	0.282037608	1060	-25.95611507	0.777976201	-2.687479784	1675.6261	2049.167494	18.1
Sequence 164	0.282682	0.000019	0.001104	0.000024	0.02503	0.00061	1.46726	0.000028	0.282675799	300	-3.642343123	0.671888537	2.813935439	809.57206	1109.900989	17.5
Sequence 165	0.282354	0.000022	0.001422	0.000016	0.03432	0.00043	1.467238	0.000025	0.282341065	485	-15.24126103	0.777976201	-4.896168381	1282.3631	1739.653702	21.5
z12-06	0.282247	0.000032	0.001056	0.000085	0.0271	0.0021	1.467294	0.000031	0.282261615	1049	-19.02505437	1.131601747	3.744890775	1419.6059	1639.235792	15.4

	176Hf/177Hf fstnorm	176Hf/177Hf corr 2SE	176Lu/177Hf corr	176Lu/177Hf corr 2SE	176Yb/177Hf corr	176Yb/177Hf corr 2SE	178Hf/177Hf	178Hf/177Hf 2SE	176Hf/177Hf	t (age, Ma)	εHf(0)	±2 sigma	εHf(t)	TDM	TDM C*	TotalHfBe am (V)
Sequence 173	0.28297	0.000021	0.001311	0.000057	0.028	0.0013	1.467259	0.000024	0.282967001	122.4	6.542072599	0.742613646	9.1568451	402.84167	566.2218728	18.32
Sequence 174	0.281798	0.000018	0.0005577	0.000008	0.01472	0.0002	1.467256	0.000029	0.281791665	605	-34.90284138	0.636525983	-21.65908807	2016.7084	2869.792194	16.6
Sequence 175	0.28241	0.000028	0.002103	0.00004	0.0529	0.001	1.467252	0.000026	0.282400871	232	-13.26095797	0.990151529	-8.430422519	1225.425	1765.179833	19.64
Sequence 176	0.282298	0.000063	0.001422	0.000043	0.0368	0.0012	1.46712	0.00011	0.282273634	910	-17.22156409	2.227840939	2.28075668	1361.5005	1621.752168	18.2
Sequence 177	0.282119	0.000018	0.0003491	0.000032	0.008282	0.00007	1.467248	0.000026	0.282110757	1250	-23.55146136	0.636525983	4.224189005	1568.836	1767.499563	18.63
Sequence 178	0.282158	0.000021	0.000388	0.000016	0.01033	0.00041	1.467256	0.000032	0.282148898	1242	-22.17232173	0.742613646	5.394487213	1517.0254	1688.049987	17
Sequence 179	0.281622	0.000039	0.000603	0.000022	0.01458	0.00056	1.467275	0.000045	0.281601857	1760	-41.12665099	1.379139629	-2.156281068	2258.7251	2563.277385	12.02
Sequence 180	0.282512	0.000021	0.001781	0.000029	0.04624	0.00079	1.467263	0.000026	0.282506709	158.9	-9.653977403	0.742613646	-6.313157113	1068.7241	1575.947027	24.7
Sequence 181	0.282957	0.000017	0.0009709	0.0000093	0.02009	0.0002	1.467228	0.000029	0.282954853	118.3	6.08235939	0.601163428	8.635904428	417.65682	596.3325105	19.06
Sequence 182	0.282177	0.000021	0.000789	0.00001	0.02069	0.00028	1.467239	0.000027	0.282160178	1130	-21.50043319	0.742613646	3.246389438	1506.6694	1734.13741	16.79
Sequence 183	0.282373	0.000027	0.00101	0.000033	0.02675	0.00089	1.467273	0.000028	0.282362518	553	-14.56937249	0.954788974	-2.612314784	1241.8113	1649.43457	17.8
Sequence 184	0.282263	0.000023	0.000846	0.000033	0.02134	0.00071	1.467284	0.000028	0.282251167	744	-18.45925235	0.813338756	-2.261894118	1389.54	1776.265936	16.44
Sequence 185	0.282237	0.000023	0.0004983	0.0000074	0.01249	0.0002	1.467237	0.000027	0.282226926	1072	-19.37867992	0.813338756	4.295537841	1412.7534	1622.845821	15.53
Sequence 186	0.2822	0.00003	0.00315	0.00017	0.0884	0.0054	1.467265	0.000042	0.282119175	1357	-20.68709444	1.060876638	6.963326332	1572.1592	1680.789221	12.23
Sequence 187	0.282332	0.00002	0.000527	0.000014	0.01247	0.00033	1.467256	0.000027	0.282326511	555	-16.01923723	0.707251092	-3.842331315	1282.7961	1728.040945	19.4
Sequence 188	0.28128	0.000025	0.0005893	0.0000076	0.01481	0.00021	1.46725	0.00003	0.281257899	1972	-53.22064466	0.884063865	-9.483597259	2720.3931	3176.135511	17.19
Sequence 189	0.282295	0.000017	0.000801	0.000038	0.0184	0.0012	1.467244	0.000023	0.282288031	464	-17.32765175	0.601163428	-7.243796238	1343.4602	1870.156719	22.1
Sequence 190	0.282212	0.000025	0.000963	0.000036	0.0236	0.001	1.467261	0.000031	0.282191872	1108	-20.26274378	0.884063865	3.870220875	1464.872	1677.81394	18.7
Sequence 191	0.282829	0.000023	0.001125	0.000038	0.02411	0.0009	1.467234	0.00003	0.282826131	136.4	1.555952402	0.813338756	4.485537291	601.56012	875.480381	20.4
Sequence 192	0.282071	0.000059	0.002098	0.000028	0.0519	0.0011	1.467315	0.000048	0.282012059	1484	-25.24886398	2.086390721	6.067488756	1711.9069	1837.15384	10.47
Sequence 193	0.282357	0.000021	0.001417	0.000015	0.03231	0.00035	1.46723	0.000024	0.282340101	635	-15.13517336	0.742613646	-1.564725903	1277.9496	1647.65265	22.5
Sequence 194	0.282397	0.000024	0.000573	0.000021	0.01405	0.00058	1.467273	0.000029	0.282389029	740	-13.72067118	0.84870131	2.531228564	1194.4048	1472.65377	17.3
Sequence 195	0.282957	0.000024	0.001129	0.000013	0.02319	0.00039	1.467234	0.000035	0.28295366	158.2	6.08235939	0.84870131	9.48219196	419.42156	573.6686072	19.97
Sequence 196	0.282322	0.000019	0.000458	0.0000044	0.0121	0.00012	1.46727	0.000029	0.282317748	495	-16.37286278	0.671888537	-5.497642093	1294.2725	1785.039796	20.1
Sequence 197	0.282968	0.000024	0.001264	0.000013	0.02669	0.00028	1.467229	0.000029	0.282965248	116.5	6.47134749	0.84870131	8.963512947	405.19671	573.9421562	19.37
Sequence 198	0.282201	0.000022	0.000517	0.0000055	0.01338	0.00014	1.467258	0.000023	0.28219415	705	-20.65173188	0.777976201	-5.15944178	1462.9926	1926.820089	19.7
Sequence 199	0.282446	0.00002	0.000242	0.000015	0.00584	0.00038	1.467255	0.000037	0.282443926	457	-11.98790601	0.707251092	-1.881985499	1116.8387	1528.846682	17.1
Sequence 200	0.282824	0.000022	0.0012288	0.0000045	0.02987	0.00013	1.467263	0.000032	0.282820913	134.4	1.379139629	0.777976201	4.256424324	610.35413	888.4949743	18.2
Sequence 201	0.282412	0.000027	0.00272	0.00014	0.0556	0.003	1.467303	0.000035	0.282388591	459	-13.19023286	0.954788974	-3.796013704	1243.4377	1650.548956	15.4
Sequence 202	0.282937	0.000024	0.000931	0.000031	0.02243	0.00074	1.467266	0.000027	0.282934579	139.1	5.375108298	0.84870131	8.381802098	445.57441	628.9982867	18.63
Sequence 203	0.282975	0.000025	0.001236	0.000029	0.02599	0.00058	1.467256	0.000033	0.282972404	112.4	6.718885372	0.884063865	9.125372084	394.87901	560.3413999	15.53
Sequence 204	0.282254	0.00002	0.001131	0.00001	0.03011	0.00031	1.467251	0.000027	0.282238052	750	-18.77751649	0.707251092	-2.591282882	1412.6277	1801.527374	22.2
Sequence 205	0.282947	0.000024	0.000896	0.000015	0.02191	0.00042	1.46722	0.00003	0.282944896	125.6	5.728733844	0.84870131	8.446201989	430.995	614.2297249	15.68
Sequence 206	0.282255	0.000022	0.0005965	0.0000052	0.01522	0.00014	1.46726	0.000023	0.282242157	1141	-18.74215393	0.777976201	6.402784666	1391.5316	1545.16175	18.8
Sequence 207	0.282431	0.000042	0.001031	0.0000045	0.0275	0.00014	1.467269	0.000051	0.282419269	606	-12.51834433	1.485227293	0.587059985	1161.213	1489.933454	8.39
Sequence 208	0.282389	0.000024	0.001073	0.000066	0.0232	0.0015	1.467265	0.000032	0.282380392	428	-14.00357162	0.84870131	-4.780033239	1221.4464	1688.16281	16.38
Sequence 209	0.28293	0.000041	0.001696	0.000075	0.0421	0.0019	1.467281	0.000043	0.282926259	118	5.127570416	1.449864738	7.617814138	464.94966	661.2093456	13.5
Sequence 210	0.282824	0.000037	0.0016929	0.0000052	0.04205	0.00016	1.467242	0.000053	0.282819889	129.9	1.379139629	1.30841452	4.120079814	618.02669	893.6429414	9.6
Sequence 211	0.282129	0.000025	0.000633	0.000045	0.0147	0.0011	1.467308	0.000032	0.28211683	1020	-23.19783581	0.884063865	-0.786149568	1566.6853	1899.592201	17.4
Sequence 212	0.281658	0.000021	0.00104	0.00002	0.02541	0.00053	1.467272	0.000025	0.281623459	1750	-39.85359902	0.742613646	-1.619411037	2235.1101	2522.438967	16.51
Sequence 213	0.282419	0.000034	0.001671	0.00002	0.04339	0.00038	1.467231	0.000034	0.282404524	462	-12.94269498	1.202326856	-3.164809723	1198.3407	1613.290285	12.68
Sequence 214	0.282676	0.000027	0.001105	0.000027	0.02657	0.00069	1.467279	0.00003	0.282672713	159.1	-3.85451845	0.954788974	-0.436296568	818.08067	1205.583221	16.47
Sequence 215	0.282752	0.000027	0.001485	0.000023	0.03706	0.00058	1.467276	0.000033	0.282748183	137.5	-1.166964302	0.954788974	1.752719153	717.74318	1050.02925	16.34
Sequence 216	0.282792	0.000029	0.001826	0.000055	0.0438	0.0013	1.467251	0.000031	0.282787532	130.9	0.247537882	1.025514083	2.997761027	666.56659	965.8018753	13.39
Sequence 217	0.282615	0.000025	0.001169	0.000044	0.03	0.0012	1.467267	0.000026	0.282611518	159.3	-6.01163428	0.884063865	-2.596614692	905.83097	1342.238338	17.7
Sequence 218	0.282637	0.000032	0.001662	0.00005	0.0404	0.0011	1.467316	0.000039	0.282632047	159.4	-5.233658079	1.131601747	-1.86819363	886.34404	1296.329864	16.2
Sequence 219	0.282371	0.000032	0.002241	0.000081	0.0569	0.0019	1.4673	0.00005	0.282351798	457	-14.6400976	1.131601747	-5.143216134	1286.4774	1733.401376	10.83
Sequence 220	0.28212	0.00002	0.0006988	0.0000073	0.01783	0.0002	1.467277	0.000027	0.282103593	1243	-23.5160988	0.707251092	3.810704758	1581.7956	1787.804497	20.3
Sequence 221	0.282225	0.000024	0.001283	0.000024	0.03273	0.00058	1.467269	0.000029	0.282200309	1021	-19.80303057	0.84870131	2.195298519	1459.0761	1714.218912	19.6
z12-08_1	0.282827	0.000025	0.001174	0.000012	0.02876	0.00037	1.467232	0.000029	0.282823963	138.4	1.485227293	0.884063865	4.453330463	605.19291	879.0997909	16.12

Z12-09

Las Pilas Volcanosedimentary Complex (LPVCS)

z12-09	0.282614	0.000027	0.0007012	0.0000082	0.01714	0.00017	1.467216	0.000039	0.282610064	299.8	-6.046996835	0.954788974	0.483362383	896.08121	1257.203938	16.15
Sequence 228	0.282202	0.000023	0.000859	0.000012	0.02195	0.0003	1.467214	0.00003	0.282181602	1257	-20.61636933	0.813338756	6.896027362	1474.7505	1605.91289	18.23
Sequence 229	0.282156	0.000023	0.0007351	0.0000023	0.019555	0.000048	1.467226	0.000031	0.282139499	1189	-22.24304684	0.813338756	3.854670555	1533.5715	1742.543777	15.37
Sequence 230	0.28216	0.000024	0.000719	0.000028	0.01859	0.00073	1.467284	0.000032	0.282144039	1176	-22.10159662	0.84870131	3.719919218	1527.3999	1740.731572	15.45
Sequence 231	0.282024	0.000019	0.0005075	0.0000089	0.01264	0.00024	1.467273	0.000029	0.282011192	1335	-26.91090404	0.671888537	2.630988103	1705.5328	1933.738929	16.32
Sequence 232	0.28265	0.000024	0.001075	0.000018	0.02586	0.00043	1.467272	0.000034	0.282646504	173.9	-4.77394487	0.84870131	-1.034013366	854.16078	1254.911323	19.14
Sequence 233	0.28274	0.000023	0.001004	0.000011	0.02398	0.00028	1.467258	0.000033	0.282737057	156.8	-1.591314957	0.813338756	1.78866579	725.53102	1062.836278	18.06
Sequence 234	0.282759	0.000023	0.001004	0.00001	0.02108	0.0002	1.467281	0.000031	0.282756214	163	-0.919426419	0.813338756	2.604400564	697.01036	1015.911792	16.66

	176Hf/177Hf fstnorm	176Hf/177Hf corr 2SE	176Lu/177Hf corr	176Lu/177Hf corr 2SE	176Yb/177Hf corr	176Yb/177Hf corr 2SE	178Hf/177Hf	178Hf/177Hf 2SE	176Hf/177Hf	t (age, Ma)	εHf(0)	±2 sigma	εHf(t)	TDM	TDM C*	TotalHfBe am (V)
Sequence 235	0.28252	0.00003	0.00077	0.000045	0.0182	0.0011	1.467255	0.000031	0.28251346	453	-9.371076967	1.060876638	0.489824612	1029.1187	1376.461602	14.63
Sequence 236	0.282766	0.000023	0.00171	0.00002	0.04156	0.00048	1.467259	0.000026	0.282760852	161	-0.671888537	0.813338756	2.723940744	701.94718	1006.762228	19.6
Sequence 237	0.282202	0.000025	0.0005222	0.0000089	0.01284	0.00021	0.467235	0.000032	0.282190627	1154	-20.61636933	0.884063865	4.871416001	1461.8147	1651.380581	15.93
Sequence 238	0.282636	0.00003	0.001523	0.000037	0.03911	0.00096	1.467266	0.000028	0.282631307	164.8	-5.269020634	1.060876638	-1.774187248	884.45922	1294.593562	16.64
Sequence 239	0.282712	0.000019	0.0008016	0.0000064	0.01742	0.00015	1.467236	0.000028	0.282708853	209.9	-2.581466485	0.671888537	1.973572353	760.99145	1092.633595	16.94
Sequence 240	0.282217	0.000021	0.001315	0.000019	0.02887	0.00047	1.46728	0.000026	0.282189439	1111	-20.08593101	0.742613646	3.852121056	1471.5606	1681.307541	18.8
Sequence 241	0.282801	0.000026	0.001926	0.000025	0.05163	0.00074	1.467258	0.000031	0.282794989	166.9	0.565800873	0.919426419	4.062925819	655.32861	926.2953961	15.85
Sequence 242	0.282838	0.00003	0.002009	0.000048	0.0537	0.0013	1.467272	0.000028	0.282832039	158.7	1.874215393	1.060876638	5.190956022	602.99262	848.0692501	14.87
Sequence 243	0.28184	0.000023	0.0006268	0.0000098	0.01651	0.00029	1.467258	0.000031	0.281832631	626	-33.41761409	0.813338756	-19.73751074	1962.9474	2767.909584	17.36
Sequence 244	0.282803	0.000026	0.00236	0.000097	0.0618	0.0027	1.467228	0.000031	0.282796209	153.9	0.636525983	0.919426419	3.816619665	660.23567	931.7653615	14.6
Sequence 245	0.282666	0.000025	0.001544	0.000013	0.03822	0.00034	1.467261	0.000025	0.282661268	163.9	-4.208143996	0.884063865	-0.734322918	842.05806	1228.174499	15.34
Sequence 246	0.28266	0.000021	0.001076	0.000024	0.02296	0.00046	1.467287	0.000025	0.282654332	281.4	-9.420319324	0.742613646	1.639097975	840.05815	1169.739308	17.37
Sequence 247	0.282221	0.00005	0.000571	0.00002	0.01281	0.00034	1.467184	0.000046	0.282208858	1127	-19.94484079	1.76812773	4.904061967	1437.4918	1628.055193	7.6
Sequence 248	0.282823	0.000025	0.0018481	0.0000068	0.04804	0.00019	1.467257	0.00003	0.282817585	156.7	1.343777074	0.884063865	4.635134655	622.08416	881.8877621	14.26
Sequence 249	0.282851	0.000027	0.002035	0.000031	0.05125	0.00089	1.467246	0.000028	0.282844973	158.4	2.333928603	0.954788974	5.641825718	584.48484	819.1101837	16.89
Sequence 250	0.282235	0.00002	0.000803	0.000011	0.02385	0.00046	1.467272	0.000034	0.282626262	912	-19.44940503	0.707251092	0.468349044	1426.781535	1736.781535	14.55
Sequence 251	0.28218	0.000023	0.00058	0.000024	0.0129	0.00055	1.467235	0.000032	0.282170073	909	-21.39434553	0.813338756	-1.411517886	1494.327	1851.868764	15.87
Sequence 252	0.282379	0.000027	0.0015323	0.0000024	0.03943	0.000065	1.467193	0.000038	0.282361883	595	-14.35719716	0.954788974	-1.692052076	1250.6837	1624.45006	18.92
Sequence 253	0.282135	0.000027	0.001018	0.00002	0.02655	0.00053	1.467234	0.000029	0.282113353	1127	-22.98566048	0.954788974	1.518206139	1574.2373	1839.699678	14.7
Sequence 254	0.282161	0.000019	0.0011758	0.0000096	0.02687	0.00019	1.467267	0.000033	0.2821377	1051	-22.06623406	0.671888537	0.656330104	1544.4776	1833.891023	17.29
Sequence 255	0.282631	0.000024	0.001205	0.000036	0.02609	0.00087	1.467261	0.000031	0.28222121	210.2	-5.445833407	0.84870131	-0.94172659	842.04182	1277.355724	16.45
Sequence 256	0.282608	0.000029	0.001095	0.000022	0.02725	0.00058	1.467273	0.00003	0.282604478	172	-6.259172163	1.025514083	-2.56302726	913.93055	1349.989228	16.29
Sequence 257	0.282755	0.000026	0.001343	0.000026	0.03336	0.00068	1.467263	0.000029	0.282751	159.3	-1.060876638	0.919426419	2.33756187	710.73226	1029.961834	16.44
Sequence 258	0.28217	0.00002	0.0003747	0.0000066	0.00962	0.00017	1.467246	0.000027	0.282162297	1090	-21.74797107	0.707251092	2.413080422	1500.0686	1754.781456	19.36
Sequence 259	0.28282	0.000024	0.001487	0.000097	0.035	0.0024	1.467234	0.000027	0.28280972	369	1.237689411	0.84870131	0.9095564856	620.33664	764.9428041	22.03
Sequence 260	0.282638	0.000024	0.00133	0.000011	0.03122	0.00026	1.467263	0.000029	0.282631783	249.8	-5.198295525	0.84870131	0.136264762	877.04926	1240.110269	15.62
Sequence 261	0.2828	0.000043	0.003266	0.000056	0.0879	0.0017	1.467298	0.000039	0.282790437	156.6	0.530438319	1.520589847	3.672545934	681.66985	943.0425716	13.56
Sequence 262	0.28287	0.000029	0.00183	0.000031	0.04717	0.00089	1.467237	0.000026	0.282864858	150.3	3.00581714	1.025514083	6.164868527	553.69123	779.3990545	15.4
Sequence 263	0.282595	0.000026	0.001528	0.000025	0.03857	0.00069	1.467243	0.000028	0.282590366	162.2	-6.718885372	0.919426419	-3.280351456	943.129	1387.619365	18.2
Sequence 264	0.282149	0.000019	0.000741	0.000087	0.0159	0.0018	1.467239	0.000022	0.28213657	891	-22.49058472	0.671888537	-3.005434773	1543.4825	1937.215858	26.1
Sequence 265	0.282652	0.000019	0.000644	0.000003	0.016328	0.000096	1.467255	0.000029	0.282649945	165.4	-4.703219761	0.671888537	-1.101491398	842.14516	1252.556664	17.43
Sequence 266	0.282271	0.000021	0.000733	0.000013	0.01784	0.0003	1.467272	0.000027	0.282256601	1042	-18.17635306	0.742613646	4.666699379	1374.3384	1575.95807	18.71
z12-09_1	0.282508	0.000025	0.0007186	0.0000068	0.01707	0.00017	1.467262	0.000029	0.282505679	172.7	-9.795427622	0.884063865	-6.042564873	1044.4588	1569.617982	15.95

T13-03																
Las Trancas Fm.																
T13-03	0.282209	0.000025	0.0005356	0.0000033	0.012602	0.000067	1.467208	0.000037	0.282199049	986	-20.36883144	0.884063865	1.357626797	1452.6889	1739.145966	15.7
_1	0.282287	0.000021	0.0008142	0.0000092	0.01981	0.00024	1.467198	0.000029	0.282276382	694	-17.61055219	0.742613646	-2.494486298	1355.0429	1751.851222	18.04
_2	0.282625	0.000024	0.001271	0.000023	0.0335	0.00066	1.467233	0.000027	0.28262184	133	-5.658008735	0.84870131	-2.816532519	894.11328	1335.682637	16.6
_3	0.282125	0.000022	0.00073	0.000032	0.0203	0.0012	1.467227	0.000025	0.282107303	1283	-23.33928603	0.777976201	4.853732408	1576.1838	1754.191162	20.23
_4	0.282145	0.000022	0.001061	0.000055	0.027	0.0015	1.467223	0.000028	0.282120576	1219	-22.63203494	0.777976201	3.866421818	1562.0932	1765.428637	19.44
_5	0.282205	0.000025	0.0006257	0.0000096	0.0158	0.00022	1.467223	0.000032	0.282192232	1082	-20.51028166	0.884063865	3.292649695	1461.6266	1693.498926	13.35
_6	0.28262	0.000022	0.001608	0.000017	0.04265	0.00042	1.467226	0.000025	0.282616062	131	-5.834821508	0.777976201	-3.065381292	909.39135	1349.83349	18.61
_7	0.282633	0.000017	0.0008837	0.0000011	0.023225	0.000037	1.467223	0.000023	0.282630819	132	-5.375108298	0.601163428	-2.521141907	873.72314	1316.258452	23.45
_8	0.282197	0.000021	0.000587	0.000018	0.01558	0.00047	1.467198	0.000025	0.282186964	908	-20.7931821	0.742613646	-0.835586792	1471.1769	1815.136199	16.01
_9	0.282647	0.000039	0.00396	0.00027	0.104	0.01	1.467262	0.000029	0.282637155	133	-4.880032534	1.379139629	-2.274808392	929.68395	1301.480391	13.71
_10	0.28279	0.000023	0.001234	0.00002	0.02609	0.0005	1.467238	0.000024	0.282786955	132	0.176812773	0.813338756	3.001832491	658.86106	966.404276	18.97
_11	0.282217	0.00002	0.000615	0.000012	0.01592	0.00032	1.467239	0.000027	0.282203747	1142	-20.08593101	0.707251092	5.063754148	1444.663	1629.87783	16.12
_12	0.282183	0.000025	0.0005669	0.0000067	0.01475	0.0002	1.467256	0.000033	0.282171637	1063	-21.28825786	0.884063865	2.131444337	1489.6862	1751.180948	13.97
_13	0.282618	0.000026	0.001851	0.000094	0.0484	0.0026	1.467228	0.00003	0.282613398	133	-5.905546617	0.919426419	-3.115151185	918.26738	1354.526864	21.2
_14	0.282602	0.000027	0.003172	0.000047	0.0841	0.0011	1.46723	0.000022	0.282594173	132	-6.47134749	0.954788974	-3.817429896	976.28963	1398.042038	22.4
_15	0.282617	0.000021	0.0011167	0.0000037	0.02927	0.00011	1.467257	0.000029	0.282614286	130	-5.940909171	0.742613646	-3.150441212	901.74577	1354.423982	19.7
_16	0.282596	0.000022	0.001018	0.000044	0.0257	0.0011	1.467214	0.000026	0.282593488	132	-6.683522818	0.777976201	-3.84166211	928.96489	1399.569674	21
_17	0.282604	0.00002	0.001076	0.000032	0.02722	0.00099	1.467216	0.000026	0.282601224	138	-6.400622381	0.707251092	-3.43458613	919.1121	1378.558276	19.3
_18	0.282612	0.000018	0.0009118	0.000003	0.02356	0.00011	1.467255	0.000026	0.282609975	132	-6.117721944	0.636525983	-3.266425961	903.88286	1363.294127	20.8
_19	0.282601	0.000022	0.001153	0.000054	0.0307	0.0016	1.467237	0.000023	0.282598392	121	-6.506710045	0.777976201	-3.912754623	925.23626	1395.519055	23.9
_20	0.282762	0.00002	0.001348	0.000014	0.03091	0.00033	1.467207	0.000028	0.282758699	131	-0.813338756	0.707251092	1.980084054	700.84091	1030.5179	16.96
_21	0.282792	0.000026	0.001553	0.000014	0.0344	0.00038	1.467211	0.000034	0.28278811	134	0.247537882	0.919426419	3.087182848	661.65837	962.5461279	17.63
_22	0.282768	0.000021	0.0010432	0.0000073	0.02331	0.00015	1.467262	0.000024	0.282765406	133	-0.601163428	0.742613646	2.261840736	686.66709	1014.194375	18.43
_23	0.282627	0.000023	0.002137	0.000041	0.0575	0.0012	1.467247	0.000025	0.282621687	133	-5.587283625	0.813338756	-2.821946191	912.38016	1336.024324	25.9
T13-03_1	0.282636	0.000029	0.00113	0.000017	0.02812	0.00049	1.467209	0.000033	0.28263336	125	-5.269020634	1.025514083	-2.586946108	875.20867	1314.973703	14.63

	176Hf/177Hf fstnorm	176Hf/177Hf orr 2SE	176Lu/177Hf orr	176Lu/177Hf r 2SE	176Yb/177Hf orr	176Yb/177Hf r 2SE	178Hf/177Hf	178Hf/177Hf 2SE	176Hf/177Hf	t (age, Ma)	εHf(0)	±2 sigma	εHf(t)	TDM	TDM C*	TotalHfBe am (V)
Z12-05																
Zacatecas Fm.																
Z12-05	0.282172	0.000023	0.00081	0.000011	0.02062	0.00028	1.467211	0.000028	0.282152658	1264	-21.67724596	0.813338756	6.029094984	1514.4257	1665.718015	17.57
_1	0.282194	0.000023	0.000799	0.000034	0.02036	0.00093	1.467257	0.000027	0.282180051	927	-20.89926976	0.813338756	-0.650930206	1483.515	1818.4551	15.35
_2	0.282109	0.000022	0.0006387	0.000037	0.01669	0.00015	1.467257	0.000027	0.282094529	1200	-23.9050869	0.777976201	2.51040488	1594.462	1835.124765	17.26
_3	0.282199	0.000021	0.00078	0.000036	0.01982	0.00013	1.467224	0.000023	0.282182228	1136	-20.72245699	0.742613646	4.166328279	1475.8512	1681.327651	19.66
_4	0.282179	0.000025	0.002103	0.000018	0.05544	0.00051	1.467236	0.000032	0.282134402	1124	-21.42970808	0.884063865	2.196281684	1557.5592	1795.025292	17.85
_5	0.282177	0.000019	0.000368	0.000015	0.00954	0.0004	1.467222	0.00003	0.282169869	1028	-21.50043319	0.671888537	1.275063043	1490.221	1777.233463	16.27
_6	0.282045	0.00002	0.0007408	0.0000061	0.01924	0.00015	1.467217	0.00003	0.282028329	1192	-26.1682904	0.707251092	-0.01888324	1686.9972	1986.404541	18.24
_7	0.282127	0.000022	0.001078	0.000026	0.0285	0.0007	1.467233	0.000034	0.282099814	1334	-23.26856092	0.777976201	5.751509216	1587.8781	1738.355672	13.5
_8	0.282351	0.000022	0.001395	0.000014	0.03356	0.0003	1.467229	0.000025	0.282339493	440	-15.34734869	0.777976201	-5.959223532	1285.678	1771.294607	17.43
_9	0.282215	0.00003	0.001191	0.000022	0.02779	0.00044	1.467253	0.000032	0.282196107	843	-20.15665612	1.060876638	-1.979994738	1469.5242	1835.844355	16.5
_10	0.282621	0.000024	0.001586	0.000025	0.03782	0.00059	1.467221	0.000031	0.282614246	227.6	-5.799458953	0.84870131	-0.979109043	907.42201	1293.272684	17.6
_11	0.28232	0.000024	0.00114	0.000018	0.02842	0.00043	1.467206	0.000025	0.282295542	1137	-16.44358788	0.84870131	8.204504536	1320.4786	1428.858788	17.55
_12	0.282109	0.000022	0.0007624	0.000031	0.019654	0.000094	1.467225	0.000034	0.282093311	1091	-23.9050869	0.777976201	-0.009689889	1599.6249	1906.748002	16.48
_13	0.282172	0.000024	0.0000732	0.0000022	0.002004	0.000084	1.467284	0.000027	0.282170602	1013	-21.67724596	0.84870131	0.961097382	1485.7122	1785.089071	18
_14	0.28254	0.00002	0.001512	0.000021	0.03043	0.00047	1.46723	0.000029	0.282531138	313	-8.663825875	0.707251092	-2.014879033	1021.1335	1425.095392	18.87
_15	0.282182	0.000022	0.0005229	0.0000066	0.01353	0.00015	1.467273	0.000029	0.282170133	1202	-21.32362042	0.777976201	5.236680491	1489.3548	1666.366478	17.47
_17	0.282279	0.000022	0.000598	0.000019	0.01475	0.00046	1.467237	0.000033	0.282274	446	-17.89345262	0.777976201	-8.143281178	1358.4423	1912.392413	16.05
_18	0.28235	0.000021	0.000741	0.000032	0.02073	0.00078	1.467231	0.000028	0.282345671	312	-15.38271125	0.742613646	-8.600359792	1265.0009	1837.5141	14.33
_19	0.28216	0.000031	0.000728	0.000022	0.01844	0.00064	1.467281	0.000039	0.282145671	1044	-22.10159662	1.096239192	0.780119899	1527.7596	1820.680808	17.2
_20	0.282846	0.000034	0.001783	0.000035	0.0462	0.001	1.467258	0.000034	0.282836862	273.8	2.15711583	1.202326856	7.928162355	587.71857	764.2191959	15.37
_21	0.282088	0.000033	0.001687	0.000018	0.04303	0.00047	1.467242	0.000031	0.282042774	1417	-24.64770055	1.166964302	5.624215026	1669.0063	1811.853281	14.51
_22	0.282478	0.000031	0.000773	0.000022	0.02124	0.00061	1.467221	0.000036	0.28247094	487	-10.85630426	1.096239192	-0.25369664	1087.8168	1449.840927	12.85
_23	0.282118	0.000018	0.000495	0.000012	0.01298	0.00036	1.467265	0.00003	0.282106879	1190	-23.58682391	0.636525983	2.720809015	1576.1588	1814.137484	16.59
_24	0.282182	0.000022	0.0006227	0.0000087	0.01655	0.00025	1.467234	0.000032	0.282169423	1071	-21.32362042	0.777976201	2.234497803	1493.235	1751.021178	18.23
_25	0.282128	0.000026	0.000891	0.000014	0.02094	0.00031	1.467268	0.000028	0.28210582	1317	-23.23319837	0.919426419	5.5765819	1578.6909	1735.861414	15.02
_26	0.282168	0.000021	0.001081	0.000041	0.0286	0.0011	1.467275	0.000029	0.282145014	1127	-21.81869618	0.742613646	2.640633469	1530.8474	1769.631148	16.14
_27	0.282164	0.00003	0.000753	0.000015	0.01724	0.00031	1.467201	0.000035	0.282143582	1433	-21.9601464	1.060876638	9.566455717	1523.2287	1578.089766	17.4
_28	0.282283	0.000026	0.00071	0.00002	0.01862	0.00054	1.46721	0.000029	0.282269768	989	-17.7520024	0.919426419	3.931939754	1356.8861	1580.311785	15.81
_29	0.282366	0.000032	0.001029	0.00002	0.02374	0.00048	1.467252	0.000032	0.282356563	489	-14.81691037	1.131601747	-4.257951988	1252.2372	1702.797189	13.09
_30	0.2825	0.000027	0.000983	0.000048	0.0249	0.0013	1.467286	0.000029	0.282488295	634	-10.07832806	0.954788974	3.660757405	1062.9952	1318.334783	14.6
_31	0.282132	0.000018	0.00042	0.000012	0.01088	0.0003	1.46721	0.00003	0.282122524	1195	-23.09174815	0.636525983	3.389287857	1553.5199	1776.338014	18.16
_33	0.282648	0.000034	0.001905	0.000047	0.0423	0.0012	1.467246	0.000044	0.282639366	242.2	-4.844669979	1.202326856	0.23512227	876.31703	1227.92971	17.14
_34	0.281737	0.000022	0.000846	0.000059	0.0212	0.0015	1.467233	0.000026	0.281718833	1138	-37.05995721	0.777976201	-12.21881104	2115.5985	2698.374625	18.48
_35	0.282182	0.000026	0.000925	0.00001	0.02356	0.00026	1.467216	0.000026	0.282159805	1270	-21.32362042	0.919426419	6.419338707	1505.1129	1646.036765	17.2
_36	0.282196	0.000027	0.001091	0.000017	0.02947	0.00045	1.467247	0.000038	0.28217278	1128	-20.82854465	0.954788974	3.647737915	1492.173	1707.470472	14.87
_37	0.282179	0.000023	0.000564	0.000033	0.01471	0.00093	1.467272	0.000028	0.282167781	1055	-21.42970808	0.813338756	1.81328699	1495.0805	1764.783828	16.71
_38	0.282212	0.000023	0.0003495	0.0000096	0.00851	0.00021	1.467227	0.000026	0.282206336	861	-20.26274378	0.813338756	-1.211145533	1441.5684	1801.878766	18.98
_39	0.282123	0.000025	0.000556	0.000015	0.01455	0.00035	1.467228	0.00003	0.28211723	553	-23.41001114	0.884063865	-11.29704802	1571.7907	2191.117113	20.8
_40	0.282331	0.000029	0.000883	0.000012	0.02303	0.00029	1.467231	0.000032	0.282323351	462	-16.05459978	1.025514083	-6.038275957	1296.2162	1793.278526	22.01
_41	0.282192	0.000026	0.000828	0.000051	0.0228	0.0015	1.467268	0.000027	0.282174299	1133	-20.96999487	0.919426419	3.815185612	1487.4175	1700.932524	16.4
_42	0.282128	0.000022	0.000704	0.000066	0.0182	0.0017	1.467232	0.000027	0.282113594	1085	-23.23319837	0.777976201	0.573127211	1570.9731	1865.718348	20.1
_43	0.282193	0.000023	0.000417	0.000025	0.01113	0.00063	1.467231	0.000033	0.28218553	951	-20.93463232	0.813338756	0.086160533	1470.1698	1791.192139	16.9
_44	0.282704	0.000034	0.001639	0.000059	0.0441	0.0016	1.467273	0.00004	0.282692824	364	-2.864366922	1.202326856	4.846575417	789.68806	1031.239848	12.28
_45	0.282293	0.000017	0.0004982	0.000083	0.01274	0.00026	1.467246	0.000024	0.282282985	1066	-17.39837686	0.601163428	6.146505025	1335.6164	1502.028581	22.13
_46	0.282584	0.000029	0.001372	0.000042	0.0311	0.0011	1.467231	0.00003	0.282576927	275.4	-7.107873473	1.025514083	-1.233705456	954.82311	1346.579248	15.73
_47	0.282212															

	176Hf/177Hf fstnorm	176Hf/177Hf corr 2SE	176Lu/177Hf corr	176Lu/177Hf corr 2SE	176Yb/177Hf corr	176Yb/177Hf corr 2SE	178Hf/177Hf corr	178Hf/177Hf 2SE	176Hf/177Hf t (age, Ma)	t (age, Ma)	εHf(0)	±2 sigma	εHf(t)	TDM	TDM C*	TotalHfBe am (V)
Sequence 12	0.282536	0.000039	0.001496	0.000055	0.0389	0.0012	1.467315	0.000036	0.282527083	318.3	-8.805276093	1.379139629	-2.040053839	1026.3906	1430.805664	10.82
Sequence 13	0.281669	0.000027	0.00119	0.00011	0.0388	0.0038	1.467234	0.000053	0.281631542	1660	-39.46461092	0.954788974	-3.401003594	2228.7476	2561.593839	14.06
Sequence 14	0.282415	0.000027	0.002039	0.000047	0.0579	0.0013	1.467255	0.000041	0.282402552	326	-13.0841452	0.954788974	-6.275065808	1216.093	1702.813674	19
Sequence 15	0.282604	0.000048	0.00211	0.000086	0.0606	0.0023	1.467251	0.000049	0.282591618	313.4	-6.400622381	1.69740262	0.134248474	945.07038	1289.873019	10.04
Sequence 16	0.282285	0.000023	0.000894	0.000013	0.02815	0.0004	1.46726	0.000029	0.28226691	1073	-17.6812773	0.813338756	5.73556236	1360.6744	1533.346889	21.8
Sequence 17	0.281896	0.000035	0.001302	0.000018	0.03725	0.00053	1.467265	0.00005	0.281858022	1540	-31.43731103	1.237689411	1.884436049	1920.067	2141.307283	17
Sequence 18	0.28208	0.000037	0.001411	0.000016	0.03802	0.00035	1.467308	0.000042	0.282038734	1544	-24.93060099	1.30841452	8.388822825	1667.9737	1739.837083	16.9
Sequence 19	0.282298	0.000023	0.00144	0.000022	0.04407	0.0005	1.467272	0.000035	0.282280092	662	-17.22156409	0.813338756	-3.082890217	1362.1552	1763.736665	21.4
Sequence 20	0.28164	0.00013	0.001279	0.000021	0.0526	0.0018	1.467279	0.00018	0.281600947	1611	-40.49012501	4.597132097	-5.611251046	2274.101	2659.137713	3.1
Sequence 21	0.282319	0.000038	0.001151	0.000024	0.02795	0.00047	1.467251	0.00004	0.282294218	1141	-16.47895044	1.343777074	8.248518899	1322.2667	1429.258906	15.72
Sequence 22	0.28233	0.000031	0.000966	0.000014	0.02685	0.0002	1.467316	0.000047	0.282310122	1091	-16.08996234	1.096239192	7.676069903	1300.4522	1425.678014	19.4
Sequence 23	0.281836	0.00004	0.000948	0.000028	0.02382	0.00069	1.467277	0.000054	0.281808584	1527	-33.55906431	1.414502184	-0.167661971	1984.9876	2258.1449	20.31
Sequence 24	0.28228	0.000021	0.0004509	0.000003	0.011718	0.000088	1.467269	0.000034	0.282271048	1053	-17.85809007	0.742613646	5.428342194	1351.8663	1536.85113	22.23
Sequence 25	0.282003	0.000037	0.000779	0.000014	0.01873	0.00026	1.467226	0.000055	0.281981937	1429	-27.65351769	1.30841452	3.740326289	1746.5927	1938.688858	13.5
Sequence 26	0.282057	0.000041	0.0003304	0.0000094	0.008	0.00021	1.467284	0.000074	0.282052485	727	-25.74393974	1.449864738	-9.682082531	1652.7235	2225.010586	13.56
Sequence 27	0.282792	0.000025	0.001093	0.000026	0.02526	0.00051	1.467272	0.000033	0.282786823	253.1	0.247537882	0.884063865	5.695562844	653.54961	890.132593	23.03
Sequence 28	0.282131	0.000021	0.0006606	0.0000034	0.015802	0.00006	1.467281	0.000025	0.282116651	1151	-23.1271107	0.742613646	2.180445543	1565.0577	1817.217501	25.5
Sequence 33	0.281798	0.000021	0.000816	0.000017	0.01984	0.00047	1.467235	0.000033	0.28178082	1116	-34.90284138	0.742613646	-10.52036338	2030.309	2577.017846	16.22
Sequence 34	0.282245	0.00003	0.000785	0.000032	0.0232	0.001	1.467266	0.000021	0.282225834	1292	-19.09577948	1.060876638	9.262707096	1412.2855	1485.224672	19.31
Sequence 35	0.282775	0.000022	0.000889	0.000026	0.02264	0.00056	1.46728	0.000037	0.282770788	253.2	-0.353625546	0.777976201	5.130421732	673.9929	926.1567352	22.1
Sequence 36	0.28253	0.000021	0.000597	0.000016	0.01131	0.00023	1.467258	0.000028	0.282521423	764	-9.017451421	0.742613646	7.762041579	1010.5517	1161.745161	22.65
Sequence 37	0.282179	0.000037	0.000978	0.00003	0.0259	0.00064	1.467261	0.000046	0.282157103	1186	-21.42970808	1.30841452	4.410591813	1511.3894	1705.429746	15.8
Sequence 38	0.282085	0.000033	0.001284	0.000024	0.03584	0.00081	1.467184	0.000045	0.282062731	921	-24.75378821	1.166964302	-4.943942658	1655.3587	2081.171341	14.76
Sequence 39	0.282275	0.000039	0.0007421	0.0000079	0.02241	0.00032	1.467272	0.000043	0.282268711	452	-18.03490284	1.379139629	-8.196246385	1369.1208	1920.330474	24.4
Sequence 40	0.282588	0.000017	0.0002311	0.000005	0.06061	0.00016	1.467193	0.000027	0.282585665	538.5	-6.966423254	0.601163428	4.96294668	921.0109	1161.033885	21.91
Sequence 41	0.281823	0.000021	0.0004646	0.000003	0.01307	0.00014	1.467267	0.000022	0.281813395	1096	-34.01877752	0.742613646	-9.819132268	1977.8432	2518.397079	19.59
Sequence 42	0.281798	0.000034	0.001562	0.000038	0.0434	0.0012	1.467261	0.000044	0.281756963	1389	-34.90284138	1.202326856	-5.154405956	2070.6398	2458.201585	19.3
Sequence 43	0.282167	0.000024	0.0005091	0.0000042	0.01508	0.00017	1.467263	0.000027	0.282158383	899	-21.85405874	0.84870131	-2.051764872	1509.4383	1884.005245	22.14
Sequence 44	0.282286	0.000022	0.000506	0.000015	0.01264	0.00031	1.467246	0.000063	0.282281886	433.7	-17.64591474	0.777976201	-8.139274422	1345.5376	1902.643711	25.3
Sequence 45	0.282288	0.000026	0.00158	0.00014	0.0411	0.0032	1.467237	0.000039	0.282268201	667	-17.57518963	0.919426419	-3.391558176	1381.4474	1786.926767	20.3
Sequence 46	0.280798	0.000028	0.001729	0.000027	0.04671	0.00074	1.467255	0.000031	0.280689806	3251	-70.26539597	0.990151529	0.262232942	3666.7529	3588.729256	16.61
Sequence 47	0.282381	0.000025	0.001711	0.000062	0.049	0.0017	1.467272	0.000036	0.282365791	474	-14.28647205	0.884063865	-4.267227913	1253.8523	1691.731738	22.3
Sequence 48	0.281358	0.000033	0.000742	0.000041	0.018	0.001	1.467233	0.000088	0.281328042	2120	-50.4623654	1.166964302	-3.56703321	2625.6175	2931.374563	16.4
Sequence 49	0.282022	0.000028	0.001119	0.000011	0.03223	0.00057	1.467223	0.000043	0.282187585	685.6	-20.61636933	0.990151529	-5.828394298	1484.8943	1953.463935	20.81
Sequence 50	0.281575	0.00003	0.001193	0.000023	0.03292	0.00078	1.467226	0.000042	0.281562493	558.6	-42.78869106	1.060876638	-30.81288789	2358.5701	3392.92994	14.3
Sequence 51	0.281915	0.000019	0.000341	0.000015	0.00994	0.00047	1.467198	0.000025	0.281906648	1296	-30.76542249	0.671888537	-1.96620946	1846.5952	2188.655935	19.8
Sequence 53	0.282489	0.000031	0.00068	0.000015	0.01924	0.00037	1.467246	0.000046	0.282481468	590	-10.46731616	1.096239192	2.430067762	1069.853	1361.40021	18.2
Artega_1	0.281782	0.000038	0.001363	0.000023	0.03628	0.00065	1.467231	0.000053	0.281737179	1733	-35.46864225	1.343777074	2.026726439	2081.9866	2284.324451	14.9

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Artega Complex

Sequence 60	0.282718	0.000029	0.001228	0.000048	0.0296	0.0011	1.4674	0.000042	0.282711614	277.8	-2.369291158	1.025514083	3.585657876	761.13551	1043.57555	21.4
Sequence 61	0.282041	0.000032	0.000573	0.00003	0.01516	0.00081	1.467294	0.000044	0.282028444	1161	-26.30974062	1.131601747	-0.719589073	1685.1186	2005.720562	12.8
Sequence 62	0.282368	0.000031	0.000736	0.000018	0.02306	0.00054	1.467344	0.000023	0.282359651	604.2	-14.74618526	1.096239192	-1.564484967	1239.8287	1623.622316	17.14
Sequence 63	0.281618	0.000028	0.000861	0.000026	0.02274	0.00076	1.467308	0.000036	0.28158859	1799	-41.26810121	0.990151529	-1.72950571	2279.3939	2567.588172	22.1
Sequence 64	0.282725	0.000022	0.00069	0.000012	0.01979	0.00052	1.467297	0.000028	0.282721697	255.8	-2.121753275	0.777976201	3.451475159	740.54715	1034.841298	18.85
Sequence 65	0.282144	0.000022	0.0005501	0.000003	0.016265	0.000082	1.46737	0.000029	0.282133351	1027	-22.66739749	0.777976201	-0.041962221	1542.6834	1858.664798	17.68
Sequence 66	0.282672	0.000027	0.000953	0.000018	0.02382	0.00058	1.467328	0.000026	0.282667443	255.5	-3.995968669	0.954788974	1.525143126	820.41983	1156.700767	17.74
Sequence 67	0.282779	0.000026	0.001243	0.000083	0.0299	0.0021	1.467301	0.000022	0.282773287	245.6	-0.212175328	0.919426419	5.049309111	674.67999	925.3435071	16.88
Sequence 68	0.28254	0.000021	0.000843	0.000015	0.02382	0.00046	1.46726	0.000023	0.28253624	238.4	-8.663825875	0.742613646	-3.49836215	1003.1134	1460.51933	19.87
Sequence 69	0.282098	0.000031	0.000909	0.000063	0.0264	0.0017	1.467271	0.000039	0.28208956	495	-24.294075	1.096239192	-13.57583965	1621.036	2287.865628	18.7
Sequence 70	0.282513	0.000022	0.000786	0.00002	0.02083	0.00057	1.467267	0.000023	0.282509772	219.5	-9.618614849	0.777976201	-4.855886176	1039.3295	1531.26551	19.01
Sequence 72	0.282316	0.000026	0.002048	0.000064	0.0603	0.0019	1.467226	0.000025	0.282288517	714	-16.5850381	0.919426419	-1.614540075	1358.7947	1712.382104	17.9
Sequence 73	0.28215	0.000024	0.000946	0.000088	0.02824	0.00021	1.467219	0.000033	0.282127902	1177	-22.45522217	0.84870131	3.170509505	1552.4056	1775.841591	21.11
Sequence 74	0.282713	0.000031	0.0009229	0.000042	0.02424	0.00016	1.467287	0.00004	0.28270857	256.5	-2.546103931	1.096239192	3.002620945	762.02805	1063.863661	15.89
Sequence 75	0.282096	0.000028	0.00099	0.000052	0.0274	0.0016	1.467257	0.000029	0.282077098	1013	-24.36480011	0.990151529	-2.352967313	1627.271	1991.702681	17.66
Sequence 76	0.282108	0.000019	0.000427	0.000043	0.01211	0.0002	1.467256	0.000026	0.282100586	922	-23.94044946	0.671888537	-3.579904699	1587.0725	1997.130381	19.18
Sequence 77	0.282286	0.000038	0.001791	0.000056	0.0488	0.0017	1.467295	0.000032	0.282278212	232.4	-17.64591474	1.343777074	-12.76129461	1392.1583	2035.906134	14.8
Sequence 78	0.282325	0.000033	0.00224	0.00018	0.0623	0.0047	1.467251	0.00003	0.282304161	496	-16.26677511	1.060876638	-9.56248629	1352.9212	1814.487114	17.7
Sequence 79	0.282605	0.00003	0.000997	0.000011	0.02542	0.00035	1.467276	0.000033	0.282601063	211.1	-6.365259826	1.060876638	-1.813192315	915.77961	1333.081459	20.89
Sequence 80	0.282229	0.000034	0.001107	0.000018	0.03015	0.0006	1.467231	0.000045	0.282219512	457.1	-19.66158035	1.202326856	-9.823688391	1446.6911	2025.694007	18.08
Sequence 81	0.282353	0.000025	0.000438	0.000091	0.0106	0.0021	1.46727	0.00003	0.282350934	252.1	-15.27662358	0.884063865	-9.749556491	1250.8865	1863.166768	18.1

	176Hf/177Hf fstnorm	176Hf/177Hf corr 2SE	176Lu/177Hf corr	176Lu/177Hf corr 2SE	176Yb/177Hf corr	176Yb/177Hf corr 2SE	178Hf/177Hf 2SE	176Hf/177Hf t (age, Ma)	$\epsilon\text{Hf}(0)$	± 2 sigma	$\epsilon\text{Hf}(t)$	TDM	TDM C*	TotalHfBe am (V)		
Sequence 82	0.282244	0.000023	0.001402	0.000028	0.03724	0.00058	1.467266	0.000027	0.282231704	467.7	-19.13114203	0.813338756	-9.154908385	1436.9341	1992.213158	17.58
Sequence 83	0.282766	0.000029	0.000526	0.000014	0.01455	0.0003	1.467291	0.000036	0.282763738	229.8	-0.671888537	1.025514083	4.359049272	680.14195	956.8160351	19.65
Sequence 84	0.282128	0.000042	0.001309	0.000048	0.03217	0.00071	1.467265	0.000091	0.282099916	1137	-23.23319837	1.485227293	1.268994862	1596.2196	1863.087819	16.5
Sequence 89	0.282248	0.000021	0.000506	0.000029	0.01471	0.00084	1.467256	0.000025	0.282241787	653.7	-18.98969182	0.742613646	-4.626050356	1397.8912	1853.712013	25.7
Sequence 90	0.281949	0.00003	0.00188	0.00012	0.0538	0.0036	1.467248	0.000028	0.281900005	1378	-29.56309564	1.060876638	-0.331422151	1874.9035	2151.505419	14.48
Sequence 100	0.281714	0.000053	0.001119	0.000013	0.03008	0.00053	1.467248	0.00006	0.281672662	1943	-37.87329597	1.874215393	4.578570733	2162.5325	2292.336353	11.9
Sequence 91	0.281728	0.000037	0.0011149	0.0000087	0.02942	0.00032	1.467289	0.000046	0.281722767	250.8	-37.3782202	1.30841452	-32.00447786	2142.98	3234.954471	18.2
Sequence 93	0.282363	0.000035	0.000427	0.00001	0.01276	0.0004	1.467259	0.000079	0.282361036	245.8	-14.92299804	1.237689411	-9.532462126	1236.7468	1844.748745	16
Sequence 95	0.282328	0.000051	0.000823	0.000012	0.02523	0.0003	1.467232	0.000067	0.282323856	269	-16.16068745	1.803490284	-10.33106716	1298.3453	1912.49024	13.93
Sequence 102	0.282322	0.00003	0.000483	0.0000095	0.01497	0.00025	1.467316	0.00004	0.282312953	994	-16.37286278	1.060876638	5.575745184	1295.1156	1481.075763	17.29
Sequence 103	0.28266	0.00005	0.001097	0.000068	0.03	0.0019	1.467388	0.00011	0.282654779	254.3	-4.420319324	1.76812773	1.050297328	840.52737	1185.817117	22.8
Sequence 104	0.28191	0.000028	0.000497	0.000012	0.01589	0.00041	1.467268	0.000031	0.281903133	735	-30.94223527	0.990151529	-14.79220691	1860.8902	2547.005206	16.65
Sequence 105	0.282493	0.000028	0.000799	0.00002	0.01857	0.0004	1.467201	0.000038	0.282489239	251.5	-10.32586594	0.990151529	-4.869338302	1067.62	1556.911251	13.15
Sequence 106	0.282127	0.000026	0.001272	0.000032	0.03512	0.00076	1.467252	0.000032	0.282120259	283.1	-23.26856092	0.919426419	-17.22104719	1596.0526	2351.600032	16.02
Sequence 107	0.281982	0.000029	0.0005969	0.000004	0.016856	0.000084	1.46721	0.000033	0.281967986	1243	-28.39613134	1.025514083	-0.998140373	1767.1105	2087.178087	17.49
Sequence 108	0.282913	0.000046	0.001596	0.000063	0.0386	0.0016	1.467246	0.00012	0.282906377	221.8	4.526406988	1.626677511	9.227228749	488.21349	640.2257805	17.7
Sequence 109	0.282498	0.000035	0.000738	0.000034	0.0184	0.00087	1.467216	0.000082	0.282490586	535.4	-10.14905317	1.237689411	1.527119459	1058.9367	1375.533668	18.43
Sequence 110	0.282832	0.000036	0.002529	0.000078	0.07	0.0021	1.467272	0.000052	0.282816793	321.1	1.662040066	1.273051965	8.27467216	620.54073	779.4460746	16.25
Sequence 111	0.282389	0.000038	0.000427	0.000016	0.01148	0.00049	1.467231	0.000081	0.28238444	569	-14.00357162	1.343777074	-1.477097914	1200.8983	1590.696386	12.6
Tztizio_1	0.282753	0.000031	0.001432	0.000044	0.0409	0.0013	1.467232	0.000075	0.282746932	226.5	-1.131601747	1.096239192	3.690831174	715.29139	996.6771573	22.92

GTO14-1
Esperanza Fm.

Gto-14	0.282546	0.000021	0.001303	0.00001	0.03151	0.00026	1.467215	0.000032	0.282539789	254.7	-8.451650547	0.742613646	-3.009430678	1006.9338	1442.395222	15.5
_1	0.281181	0.00002	0.0003857	0.0000044	0.010283	0.000058	1.467173	0.000026	0.281165795	2071	-56.72153756	0.707251092	-10.46679831	2838.6387	3312.540004	15.51
_2	0.28237	0.000034	0.002239	0.000038	0.0548	0.001	1.46723	0.000031	0.282349963	477.2	-14.67546016	1.202326856	-4.755886427	1287.8531	1724.820264	14.18
_4	0.282117	0.000022	0.001194	0.000021	0.03079	0.00046	1.467193	0.000025	0.282082883	1509	-23.62218647	0.777976201	9.153110871	1606.7282	1664.304376	20
_5	0.282476	0.000021	0.001245	0.000032	0.03107	0.0009	1.467161	0.000026	0.282471165	207.6	-10.92702937	0.742613646	-6.486794362	1104.3192	1624.507078	15.22
_6	0.282507	0.000026	0.001397	0.000031	0.03885	0.00074	1.467212	0.000026	0.282495377	443.8	-9.830790176	0.919426419	-0.356298849	1064.8377	1422.579981	16.14
_7	0.282336	0.00002	0.0006139	0.0000045	0.015669	0.000064	1.467207	0.000026	0.282330848	447.6	-15.87778701	0.707251092	-6.095167229	1280.1754	1785.68419	17.65
_8	0.28248	0.000032	0.001635	0.000014	0.04247	0.00045	1.467181	0.000029	0.282473929	198.5	-10.78557915	1.131601747	-6.591591495	1110.2049	1624.049255	13.63
_9	0.282694	0.000024	0.001171	0.000013	0.02833	0.00027	1.467173	0.000029	0.282688372	256.8	-3.217992468	0.84870131	2.29466853	794.01023	1108.977585	15.27
_10	0.281828	0.000023	0.001209	0.000029	0.03107	0.00076	1.46718	0.000025	0.281789198	1692	-33.84196474	0.813338756	2.930464679	2009.7596	2196.154877	18.17
_11	0.282236	0.000023	0.000677	0.000023	0.01777	0.00056	1.467187	0.000031	0.282221191	1159	-19.41404247	0.813338756	6.068743422	1420.7406	1580.321736	16.53
_12	0.282584	0.000027	0.001039	0.000016	0.0237	0.00043	1.467184	0.000028	0.282571933	618.5	-7.107873473	0.954788974	6.273982895	946.38747	1141.061226	14.2
_13	0.282385	0.00002	0.001157	0.00001	0.02957	0.00031	1.467193	0.000032	0.282374554	481.4	-14.14502184	0.707251092	-3.791273436	1229.7925	1667.654127	17.41
_14	0.282169	0.00002	0.001137	0.000031	0.02994	0.00077	1.467216	0.000032	0.282140762	1314	-21.78333363	0.707251092	6.747416432	1531.7185	1660.286553	17.66
_15	0.282266	0.000021	0.001315	0.000021	0.03156	0.00033	1.467194	0.000025	0.282237787	1137	-18.35316583	0.742613646	6.156935618	1402.6635	1557.422764	18.34
_16	0.282291	0.000022	0.000421	0.000011	0.01107	0.00026	1.467184	0.000024	0.282282754	1039	-17.46910197	0.777976201	5.525653817	1335.6862	1519.704447	16.01
_17	0.282571	0.00002	0.001056	0.000044	0.0296	0.0013	1.467208	0.000023	0.282562188	445.1	-7.567586682	0.707251092	2.037771906	965.13035	1272.631253	17.84
_18	0.282591	0.000023	0.001968	0.000041	0.0492	0.0012	1.467182	0.000025	0.282581605	255.1	-6.860335591	0.813338756	-1.520971818	960.19514	1348.891733	14.69
_19	0.28253	0.000029	0.00169	0.000013	0.04534	0.00047	1.467245	0.000031	0.282516502	426.1	-9.017451421	1.025514083	-0.004756228	1040.3495	1386.619188	16.38
_20	0.282173	0.000022	0.000722	0.000024	0.01794	0.0005	1.467175	0.000031	0.28216019	942	-21.64188341	0.777976201	-1.01546768	1509.556	1852.930808	16.12
_21	0.282537	0.000014	0.00009572	0.00000019	0.002611	0.000018	1.467223	0.000021	0.28253576	689.5	-8.769913539	0.495075764	6.590672616	987.84069	1177.001672	19.83
_22	0.282281	0.000022	0.0006804	0.0000074	0.01837	0.00014	1.467197	0.000024	0.282270194	844	-17.82272751	0.777976201	0.66743447	1358.6036	1671.093378	16.41
_23	0.281823	0.000023	0.000869	0.00002	0.02296	0.00048	1.467216	0.000033	0.281806607	1001	-34.01877752	0.813338756	-12.21151999	1998.7619	2592.41969	15.03
_24	0.281052	0.00002	0.0009235	0.0000032	0.02438	0.00021	1.467161	0.000025	0.281016238	2035	-61.28330711	0.707251092	-16.6127177	3052.7367	3655.7788	20.09
_25	0.282076	0.000022	0.00201	0.000046	0.0528	0.0013	1.467192	0.000029	0.282017602	1534	-25.0720512	0.777976201	7.409664753	1700.7034	1793.021762	15.17
_26	0.282454	0.000022	0.001004	0.000011	0.02442	0.00022	1.467203	0.000024	0.282449084	261.6	-11.70500557	0.777976201	-6.065001798	1128.1373	1639.808449	17.5
_27	0.282264	0.00002	0.0007144	0.0000028	0.017717	0.000078	1.467215	0.000027	0.282256482	560.7	-18.42389094	0.707251092	-6.193946523	1383.3649	1879.456451	20.03
_28	0.282189	0.000016	0.000918	0.000023	0.02171	0.00064	1.46719	0.00003	0.282165902	1331	-21.07608254	0.565800873	8.027075587	1495.1089	1593.627016	19.3
_29	0.282049	0.000023	0.0007197	0.0000067	0.01874	0.00024	1.467199	0.000034	0.282030864	1333	-26.02684018	0.813338756	3.283099484	1680.5572	1891.557915	13.66
_30	0.281916	0.000019	0.0008719	0.0000056	0.02298	0.00012	1.467163	0.000024	0.281889763	1588	-30.73005994	0.671888537	4.111403897	1870.889	2040.966844	19.5
_31	0.282222	0.000021	0.000783	0.000021	0.02059	0.00043	1.467188	0.000027	0.282206901	1023	-19.90911823	0.742613646	2.474302205	1444.0988	1698.335901	16.2
_32	0.282245	0.00002	0.001274	0.0000069	0.03187	0.00035	1.467193	0.000027	0.28221876	1092	-19.09577948	0.707251092	4.460054349	1430.641	1628.289642	18.63
_33	0.282119	0.000019	0.000688	0.000013	0.01856	0.0004	1.467182	0.000027	0.282103281	1210	-23.55146136	0.671888537	3.048283333	1582.7281	1809.425792	20

	176Hf/177Hf fstnorm	176Hf/177Hf corr 2SE	176Lu/177Hf corr	176Lu/177Hf corr 2SE	176Yb/177Hf corr	176Yb/177Hf corr 2SE	178Hf/177Hf	178Hf/177Hf 2SE	176Hf/177Hf	t (age, Ma)	εHf(0)	±2 sigma	εHf(t)	TDM	TDM C*	TotalHfBe am (V)
Gto-14_1	0.282567	0.00002	0.001111	0.000012	0.02835	0.00016	1.46718	0.000032	0.28255349	647.4	-7.709036901	0.707251092	6.270920424	972.18367	1164.030765	16.6
CH14-1																
Charcas Fm.																
CH-14	0.282694	0.000023	0.001826	0.000066	0.0449	0.002	1.467183	0.000031	0.282685444	250.4	-3.217992468	0.813338756	2.048285449	808.12334	1119.580408	14.8
_41	0.282514	0.000024	0.001518	0.000029	0.03703	0.00063	1.467219	0.000027	0.282488364	897	-9.583252294	0.84870131	9.595470807	1058.3306	1151.061664	16.69
_42	0.282772	0.000024	0.001284	0.00004	0.02877	0.00084	1.467177	0.00003	0.282764911	294.9	-0.45971321	0.84870131	5.853357636	685.39474	912.9682421	15.77
_43	0.281909	0.000022	0.0013087	0.0000073	0.03527	0.00028	1.467175	0.000031	0.281871329	1520	-30.97759782	0.777976201	1.898458243	1902.293	2124.713249	16.86
_44	0.282426	0.000021	0.000209	0.000012	0.00593	0.00031	1.467172	0.000028	0.282423965	519	-12.6951571	0.742613646	-1.199385895	1143.3477	1534.272891	15.6
_45	0.282222	0.000018	0.0001183	0.0000056	0.00337	0.00013	1.467188	0.000028	0.282220049	876	-19.90911823	0.636525983	-0.38645879	1419.3536	1762.064739	16.23
_46	0.282834	0.000016	0.0004177	0.0000046	0.00831	0.0001	1.46717	0.000023	0.282831878	271.4	1.732765175	0.565800873	7.698218357	583.44542	776.9889437	21.19
_47	0.282584	0.000027	0.002413	0.000015	0.05782	0.00049	1.46725	0.000033	0.282571611	274.3	-7.107873473	0.954788974	-1.44636448	982.19166	1359.136111	15.19
_48	0.282749	0.000026	0.001558	0.00004	0.03644	0.00084	1.467214	0.000026	0.282741121	270.2	-1.273051965	0.919426419	4.460079071	723.45897	982.1069808	15.09
_49	0.282208	0.000018	0.0006009	0.000002	0.014812	0.000079	1.467214	0.000024	0.282196459	1019	-20.404194	0.636525983	2.013501913	1456.5437	1724.018904	21.27
_50	0.282936	0.000021	0.001167	0.000022	0.02477	0.00058	1.467223	0.000034	0.282929189	311.7	5.339745743	0.742613646	12.04194934	449.81343	531.2925342	18.89
_51	0.282212	0.000019	0.0005889	0.0000059	0.01508	0.00011	1.467214	0.000026	0.282198882	1180	-20.26274378	0.671888537	5.755438926	1450.5731	1616.530462	17.48
_52	0.282274	0.000023	0.000575	0.000016	0.01629	0.00039	1.467193	0.000032	0.282262179	1090	-18.0702654	0.813338756	5.95381496	1364.5292	1533.065122	13.34
_53	0.282953	0.000021	0.000697	0.000017	0.01531	0.00032	1.4672	0.000032	0.282949886	238.8	5.940909171	0.742613646	11.14590386	420.27278	530.8940722	14.86
_54	0.282908	0.000021	0.001136	0.000026	0.02666	0.00062	1.467206	0.000028	0.282902638	252.2	4.349594215	0.742613646	9.773310904	489.33578	629.3399679	17.36
_55	0.282645	0.000024	0.000543	0.00003	0.01199	0.00061	1.467174	0.000026	0.282642018	293.3	-4.950757643	0.84870131	1.468989338	849.21465	1189.808728	14.28
_56	0.282626	0.000023	0.0012907	0.0000098	0.03137	0.00028	1.467225	0.000028	0.282619841	255	-5.62264618	0.813338756	-0.170315326	893.16452	1263.542379	16.5
_57	0.282879	0.000022	0.000929	0.000015	0.01947	0.00043	1.467209	0.000028	0.28287446	261.1	3.324080132	0.777976201	8.974970614	527.70736	687.3883817	16.22
_58	0.282386	0.000023	0.001702	0.000052	0.0407	0.0013	1.467221	0.00003	0.282371105	466.7	-14.10965928	0.813338756	-4.242582306	1246.419	1684.519811	16.62
_59	0.282743	0.000023	0.001461	0.000038	0.03246	0.0008	1.467191	0.000031	0.282734564	308.4	-1.485227293	0.813338756	5.081004497	730.15488	972.6698599	15.47
_60	0.282061	0.000022	0.0005742	0.0000075	0.01479	0.00015	1.467184	0.000026	0.282048823	1124	-25.60248952	0.777976201	-0.8376559	1657.721	1984.122763	16.2
_61	0.282777	0.000025	0.001666	0.000035	0.0413	0.00085	1.4672	0.000032	0.282768599	269.4	-0.282900437	0.884063865	5.414527638	685.279	920.8226307	16.24
_62	0.282026	0.00002	0.001024	0.00007	0.0265	0.0018	1.467164	0.000028	0.282000137	1336	-26.84017893	0.707251092	2.261701463	1725.9501	1957.506698	15.92
_63	0.282706	0.00002	0.000766	0.000026	0.01763	0.00063	1.467205	0.000027	0.282702537	241.6	-2.793641813	0.707251092	2.456822304	768.69504	1086.803026	17.38
_64	0.282705	0.000018	0.001015	0.000015	0.02492	0.00041	1.467223	0.000027	0.282698937	319	-2.829004367	0.636525983	4.057073293	775.19021	1045.988623	19.66
_65	0.282318	0.000022	0.0005287	0.0000058	0.01346	0.00017	1.46719	0.000028	0.282312678	536.5	-16.51431299	0.777976201	-4.747027344	1302.1813	1770.282927	17.3
_66	0.282693	0.00002	0.000907	0.000022	0.01967	0.00044	1.467175	0.000031	0.282688607	258.8	-3.253355022	0.707251092	2.347591157	789.86799	1107.189404	16.39
_67	0.282551	0.000018	0.00052	0.00002	0.01057	0.00045	1.467168	0.000024	0.282548171	290.6	-8.274837774	0.636525983	-1.912109602	979.36897	1401.187516	18.1
_68	0.282767	0.00002	0.0006416	0.0000067	0.01489	0.00018	1.467203	0.000027	0.282763784	267.8	-0.636525983	0.707251092	5.2084312	680.81044	932.6688297	17.89
_69	0.282484	0.000021	0.001051	0.000015	0.02514	0.00058	1.467207	0.000021	0.282478947	256.9	-10.64412893	0.742613646	-5.113145773	1087.4005	1576.413624	18.88
_70	0.282102	0.000023	0.0008569	0.0000093	0.02277	0.0004	1.467161	0.000027	0.282080603	1321	-24.15262479	0.813338756	4.773467523	1613.283	1789.170315	14.55
_71	0.282161	0.000024	0.00139	0.00001	0.03967	0.00041	1.467221	0.000029	0.282124163	1401	-22.06623406	0.84870131	8.145656933	1553.2881	1641.663742	14.38
_72	0.282606	0.000021	0.0008619	0.0000066	0.01838	0.00013	1.467233	0.000025	0.282602423	221.8	-6.329897272	0.742613646	-1.526655723	911.10885	1323.325218	16.89
_73	0.282363	0.000017	0.000733	0.0000072	0.01705	0.00019	1.467222	0.000028	0.282359069	286.5	-14.92299804	0.601163428	-8.695000156	1246.6779	1823.763114	19.71
_74	0.282125	0.000016	0.000203	0.000025	0.00572	0.00066	1.467216	0.000028	0.282121421	936	-23.33928603	0.565800873	-2.525019402	1554.7499	1942.359443	17.63
_75	0.282874	0.00002	0.000575	0.000027	0.01257	0.00059	1.467182	0.000023	0.282871274	253.3	3.147267359	0.707251092	8.688125144	529.80362	699.5466479	18.12
_76	0.281213	0.00002	0.0006622	0.000008	0.01754	0.00018	1.46722	0.000032	0.281184035	2293	-55.58993582	0.707251092	-4.667512355	2815.8169	3133.65737	15.12
_77	0.282882	0.000023	0.001101	0.000038	0.02268	0.00077	1.467211	0.000032	0.282876256	278.7	3.430167795	0.813338756	9.43151246	525.86304	672.1334349	15.58
_78	0.282216	0.00002	0.000521	0.0000038	0.013907	0.000055	1.467242	0.000031	0.282206281	990	-20.12129356	0.707251092	1.704522006	1442.5022	1720.590242	15.58
_79	0.28218	0.000019	0.000489	0.000037	0.01401	0.00096	1.467206	0.000029	0.282170719	1007	-21.39434553	0.671888537	0.829293633	1490.7895	1788.620642	15.29
_80	0.282355	0.000023	0.001964	0.000054	0.0525	0.0014	1.467169	0.000024	0.282337368	478.7	-15.20589847	0.813338756	-5.168141982	1299.7742	1751.788883	19.6
_81	0.282724	0.000018	0.0007381	0.0000053	0.01729	0.00019	1.467213	0.000026	0.282720868	226.8	-2.15711583	0.636525983	2.775379639	742.88903	1055.014723	17.13
_82	0.282082	0.000024	0.000577	0.000011	0.01414	0.00033	1.467182	0.000031	0.282070401	1066	-24.85987588	0.84870131	-1.38900654	1629.002	1973.093089	13.37
_83	0.282061	0.000024	0.000609	0.0000027	0.018232	0.000059	1.467141	0.000031	0.282046853	1230	-25.60248952	0.84870131	1.50			

	176Hf/177Hf fstnorm	176Hf/177Hf corr 2SE	176Lu/177Hf corr	176Lu/177Hf corr 2SE	176Yb/177Hf corr	176Yb/177Hf corr 2SE	178Hf/177Hf	178Hf/177Hf 2SE	176Hf/177Hf	t (age, Ma)	εHf(0)	±2 sigma	εHf(t)	TDM	TDM C*	TotalHfBe am (V)
_92	0.282889	0.000028	0.001967	0.000061	0.0505	0.0015	1.467184	0.000039	0.282883999	136	3.677705677	0.990151529	6.523605101	528.11093	745.2650698	13.3
_93	0.28266	0.000022	0.0015058	0.000006	0.04179	0.00018	1.467195	0.000031	0.282655439	162	-4.420319324	0.777976201	-0.982826774	849.76721	1242.407295	16.72
_94	0.282906	0.000003	0.002077	0.000082	0.0555	0.0021	1.46719	0.000036	0.28290058	139.6	4.278869106	1.060876638	7.190254548	504.87512	705.5411107	14.03
_95	0.282615	0.000024	0.0018807	0.0000098	0.04399	0.00014	1.467198	0.000026	0.282607541	212	-6.01163428	0.84870131	-1.563937096	923.33281	1318.049752	16.62
_96	0.281992	0.000024	0.001004	0.000019	0.0246	0.00044	1.467226	0.000031	0.281964199	1463	-28.04250579	0.84870131	3.888701639	1772.1755	1956.250014	13.59
_97	0.28299	0.000028	0.000674	0.0000098	0.01725	0.00034	1.467226	0.000037	0.28298827	137.3	7.249323691	0.990151529	10.24095341	367.87139	508.5440329	20.42
_98	0.283008	0.000021	0.001103	0.000012	0.02881	0.00036	1.467227	0.000029	0.283005237	134	7.885849674	0.742613646	10.76764161	346.41125	472.1623978	17.94
_99	0.282453	0.000026	0.001587	0.000038	0.04024	0.00098	1.467217	0.000032	0.282448083	165.7	-11.74036812	0.919426419	-8.235810498	1147.2378	1701.855068	13.26
_100	0.282731	0.00004	0.001409	0.000017	0.03158	0.00036	1.467181	0.000047	0.282727634	127.8	-1.909577948	1.414502184	0.810041954	746.27339	1102.238708	9.36
_101	0.282363	0.000024	0.001373	0.000028	0.03592	0.00067	1.467185	0.000029	0.282356208	264.3	-14.92299804	0.84870131	-9.291083718	1267.9733	1843.912997	15.72
_102	0.282521	0.000034	0.001553	0.000021	0.04054	0.00046	1.467183	0.000034	0.282516331	160.8	-9.335714412	1.202326856	-5.930508974	1049.3489	1553.369895	11.8
_103	0.282969	0.00002	0.0006712	0.0000073	0.01608	0.0002	1.467215	0.000026	0.282967398	127.7	6.506710045	0.707251092	9.288882239	397.44471	561.9525703	16.48
_104	0.282986	0.000032	0.00251	0.00011	0.0647	0.0027	1.467192	0.00003	0.282979417	140.3	7.107873473	1.131601747	9.994589818	392.54887	526.7047021	14.39
_105	0.281962	0.000021	0.0004434	0.0000031	0.011654	0.000074	1.467191	0.000028	0.281956494	661	-29.10338243	0.742613646	-14.56552403	1787.3837	2476.314976	17.53
_106	0.282652	0.000027	0.001065	0.000036	0.02611	0.00085	1.467166	0.000032	0.28264943	129.1	-4.703219761	0.954788974	-1.927331085	851.10986	1276.497325	13.3
_107	0.282705	0.000021	0.0010296	0.0000609	0.02505	0.00016	1.467225	0.000035	0.282700202	249	-2.829004367	0.742613646	2.539261417	775.49088	1087.369864	12.52
SL-45_1	0.282127	0.000026	0.000982	0.000015	0.02532	0.00039	1.467183	0.000046	0.282108176	1017	-23.26856092	0.919426419	-1.160844886	1583.8638	1920.597807	13.68
SL-67																
Cuestecita Fm.																
SL-67	0.282562	0.000044	0.002843	0.000028	0.07589	0.00091	1.467251	0.000055	0.28255333	163.1	-7.885849674	1.555952402	-4.57049203	1026.4809	1469.599222	11.71
_108	0.282805	0.000023	0.001847	0.000043	0.0496	0.0012	1.467197	0.000033	0.282800007	144.6	0.707251092	0.813338756	3.74393359	648.13042	929.097422	16.43
_109	0.28279	0.000026	0.001249	0.000021	0.02968	0.00059	1.467197	0.000031	0.282787005	128.3	0.176812773	0.919426419	2.921256381	659.12545	968.6282062	15.09
_110	0.282196	0.000032	0.000879	0.000026	0.0235	0.00069	1.467183	0.000041	0.282177175	1135	-20.82854465	1.131601747	3.962603017	1483.8576	1693.285731	11.19
_111	0.282603	0.000023	0.001262	0.000021	0.03346	0.00057	1.467202	0.000027	0.282597964	213.3	-6.435984936	0.813338756	-1.873804755	925.09343	1338.618217	17.89
_112	0.283008	0.000026	0.000859	0.000041	0.0222	0.001	1.46719	0.000028	0.283006017	123.5	7.885849674	0.919426419	10.56143056	344.16695	477.0802039	14.32
_113	0.282883	0.000031	0.003883	0.000038	0.10444	0.00072	1.467191	0.000039	0.282873513	130.7	3.46553035	1.096239192	6.034711418	566.48715	772.2874533	13.33
_114	0.282208	0.000021	0.00093	0.000017	0.02495	0.0004	1.467234	0.000024	0.2821881	1134	-20.404194	0.742613646	4.327216041	1469.1627	1669.685033	19.09
_115	0.282539	0.000026	0.001289	0.000024	0.03264	0.00064	1.467164	0.000035	0.282534417	190.1	-8.699188429	0.919426419	-4.638666664	1016.4715	1494.817245	13.18
_116	0.282398	0.000017	0.0004314	0.0000082	0.011	0.00017	1.467195	0.00003	0.282393403	567.7	-13.68530863	0.601163428	-1.188899263	1188.6198	1571.593552	18.01
_117	0.282166	0.000023	0.000931	0.000077	0.0269	0.0022	1.467213	0.00003	0.282156075	568	-21.88942129	0.813338756	-9.585358182	1527.584	2096.355713	17.39
_118	0.282113	0.000024	0.000784	0.000017	0.02068	0.00036	1.467223	0.000033	0.282092673	1371	-23.76363669	0.84870131	6.343058976	1595.0016	1730.631367	14.01
_119	0.283015	0.000028	0.0010874	0.0000335	0.02447	0.00012	1.467171	0.000028	0.283012496	123.2	8.133387556	0.990151529	10.78392325	336.28228	462.5708678	12.83
_120	0.282765	0.000024	0.001077	0.000018	0.02701	0.00049	1.467218	0.000027	0.282762256	136.3	-0.707251092	0.84870131	2.22382347	691.53518	1019.189468	15.8
_121	0.282692	0.000028	0.002598	0.000043	0.0654	0.001	1.4672	0.00003	0.282676764	313.2	-3.288717577	0.990151529	3.142862705	828.36163	1099.401516	15.05
_122	0.28226	0.000017	0.000332	0.000017	0.01011	0.00048	1.467202	0.000028	0.282257146	458.4	-18.56534116	0.601163428	-8.462404053	1375.1305	1941.873034	19.42
_123	0.282125	0.000018	0.0006502	0.0000061	0.0174	0.00027	1.467179	0.000026	0.282110033	1219	-23.33928603	0.636525983	3.492553673	1572.9003	1788.774822	16.13
_124	0.283031	0.000034	0.000845	0.00002	0.01773	0.00048	1.467183	0.000043	0.283029081	121.5	8.699188429	1.202326856	11.33272334	311.436	426.0049541	8.89
_125	0.282618	0.000023	0.002535	0.000027	0.06821	0.00083	1.467187	0.000026	0.282610293	162.6	-5.905546617	0.813338756	-2.566529523	935.62806	1342.904498	20.63
_126	0.283101	0.000027	0.00349	0.00016	0.095	0.0052	1.467196	0.000031	0.283092179	135.2	11.17456725	0.954788974	13.86979387	228.12188	273.7692403	16.8
_127	0.282613	0.000031	0.000943	0.000073	0.0242	0.0019	1.467198	0.00003	0.28260926	212	-6.08235939	1.096239192	-1.50312697	903.22341	1314.210949	13.87
_128	0.282883	0.000033	0.000675	0.000061	0.0179	0.0018	1.467092	0.000046	0.282881286	135.8	3.46553035	1.166964301	6.423193785	518.54749	751.5150859	10.3
_129	0.282496	0.000026	0.000789	0.000026	0.02032	0.00084	1.467183	0.000034	0.282488512	505.9	-10.21977828	0.919426419	0.792062494	1063.1508	1398.765413	13.14
_130	0.281233	0.00002	0.0006	0.000014	0.0165	0.0003	1.467183	0.000026	0.28120937	2069	-54.88268473	0.707251092	-8.964914281	2784.4057	3219.95259	17.89
_131	0.282574	0.000022	0.0023497	0.0000059	0.06299	0.00042	1.467187	0.000027	0.282553702	460.7	-7.461499019	0.777976201	2.086818783	995.06878	1281.749632	18.76
_132	0.282915	0.000019	0.0006646	0.0000011	0.016351	0.000095	1.467235	0.000032	0.282911811	256.4	4.597132097	0.671888537	10.19161719	473.40286	605.9110225	16.91
_133	0.282941	0.000024	0.000705	0.000013	0.01791	0.00031	1.467233	0.000028	0.282939254	132.5	5.516558516	0.84870131	8.400214694	437.27679	622.6144061	14.81
_134	0.282547	0.000039	0.002487	0.000023	0.06474	0.00042	1.467169	0.000051	0.282539406	163.3	-8.416287993	1.379139629	-5.058595545	1038.348	1500.47336	11.08
_135	0.282536	0.000029	0.001566	0.000069	0.037	0.0017	1.467207	0.000033	0.282525992	341.2	-8.805276093	1.025514083	-1.567239882	1028.3226	1418.854721	14.16
_136	0.282528	0.000026	0.001491	0.000013	0.0384	0.00038	1.467143	0.000028	0.282523366	166.2	-9.08817653	0.919426419	-5.561489677	1037.6409	1534.349647	13.31
_137	0.282123	0.000022	0.000732	0.000031	0.01877	0.00063	1.467211	0.000023	0.282108174	1074	-23.41001114	0.777976201	0.131414722	1579.0276	1884.644129	18.64
_138	0.282539	0.000028	0.001641	0.000026	0.03912	0.00072	1.467228	0.000028	0.282532227	220.6	-8.699188429	0.990151529	-4.03692374	1026.1124	1480.603034	15.385
_139	0.282993	0.000021	0.000954	0.000026	0.02495	0.00077	1.467215	0.00003	0.282990655	131.5	7.355411355	0.742613646	10.19615747	366.35092	506.8287108	17.56
_140	0.282753	0.000022	0.001428	0.00003	0.03256	0.00062	1.467229	0.000035	0.282749223	141.5	-1.131601747	0.777976201	1.878501767	715.21452	1045.174748	13.1
_141	0.282192	0.000021	0.0004744	0.0000019	0.012108	0.000053	1.46721	0.000024	0.282182762	1033	-20.96999487	0.742613646	1.845398696	1473.7386	1745.514757	17.65

	176Hf/177Hf fstnorm	176Hf/177Hfc orr 2SE	176Lu/177Hfc orr	176Lu/177Hfcor r 2SE	176Yb/177Hfc orr	176Yb/177Hfcor r 2SE	178Hf/177Hf 178Hf/177Hf	178Hf/177Hf 2SE	176Hf/177Hf	t (age, Ma)	εHf(0)	±2 sigma	εHf(t)	TDM	TDM C*	TotalHfBe am (V)
Sierra de los Cuarzos Fm.																
P83a	0.282771	0.000021	0.001378	0.00009	0.0347	0.0026	1.467204	0.000027	0.282766697	167	-0.495075764	0.742613646	3.064292141	688.55216	989.84442	16.74
_1	0.282796	0.000028	0.001285	0.000033	0.03314	0.00095	1.467166	0.000039	0.282791939	169	0.3889881	0.990151529	4.001795523	651.20737	931.8296583	14.64
_2	0.282823	0.000028	0.000931	0.000035	0.024	0.0012	1.467228	0.000032	0.282820128	165	1.343777074	0.990151529	4.909898233	606.94382	870.9130891	19
_4	0.282737	0.000031	0.00175	0.000015	0.04658	0.00064	1.467175	0.000036	0.282731538	166.9	-1.69740262	1.096239192	1.818313765	744.52139	1068.852111	14.7
_5	0.282857	0.000024	0.001445	0.00002	0.03892	0.00082	1.46719	0.000031	0.282852704	159	2.546103931	0.84870131	5.928678047	566.59916	801.2994815	17.02
_6	0.282763	0.000022	0.00121	0.000027	0.02844	0.00058	1.467217	0.000037	0.282759199	168	-0.777976201	0.777976201	2.821311303	696.83561	1006.059219	14.52
_7	0.28281	0.000022	0.001432	0.000017	0.03786	0.0004	1.467198	0.000029	0.282805421	171	0.884063865	0.777976201	4.523270378	633.73925	900.2291854	17.91
_8	0.282723	0.000022	0.001245	0.000013	0.03221	0.0004	1.467234	0.000026	0.282718109	210	-2.192478385	0.777976201	2.303292418	754.37468	1071.806166	17.01
_9	0.282745	0.000028	0.002339	0.000052	0.0673	0.0013	1.467185	0.000029	0.282738572	147	-1.414502184	0.990151529	1.62414342	744.87938	1065.612009	14.01
_10	0.282835	0.000023	0.001499	0.00002	0.03832	0.00073	1.467194	0.000029	0.282830094	175	1.76812773	0.813338756	5.485221347	599.01115	842.1327058	16.41
_11	0.282732	0.000023	0.0009295	0.0000042	0.02427	0.00024	1.467221	0.000027	0.282729306	155	-1.874215393	0.813338756	1.474435103	735.37898	1081.359093	16.91
_12	0.282707	0.000028	0.001414	0.000026	0.03926	0.00068	1.467201	0.000036	0.282700332	252	-2.758279258	0.990151529	2.61075146	780.63764	1085.18663	15.24
_13	0.282601	0.000022	0.000743	0.00001	0.02023	0.00015	1.467202	0.000024	0.282598722	164	-6.506710045	0.777976201	-2.944709723	915.2481	1367.851029	18.11
_14	0.282743	0.000038	0.001473	0.000042	0.0379	0.0015	1.467208	0.000034	0.282738538	162	-1.485227293	1.343777074	1.956836734	730.39055	1056.233629	14.36
_16	0.282139	0.000023	0.000606	0.000023	0.0174	0.00059	1.46721	0.000033	0.282131704	641	-22.84421027	0.813338756	-8.809856043	1551.8167	2104.487742	16.17
_17	0.282832	0.000029	0.001783	0.000073	0.0513	0.002	1.467193	0.000031	0.282826866	154	1.662040066	1.025514083	4.903324985	607.9699	862.695053	13.93
_18	0.28276	0.000026	0.001466	0.000017	0.03795	0.00066	1.467236	0.000027	0.282753279	245	-0.884063865	0.919426419	4.327990754	705.9279	970.7181787	15.82
_19	0.282715	0.000027	0.001848	0.000024	0.05007	0.00073	1.467164	0.00003	0.282709333	164	-2.475378821	0.954788974	0.968219009	778.286	1120.478516	16.52
_20	0.28282	0.000023	0.001267	0.000013	0.03331	0.00057	1.467212	0.000026	0.282816067	166	1.237689411	0.813338756	4.78853068	616.68244	879.4239769	18.75
_21	0.282777	0.000024	0.001145	0.000013	0.02963	0.00031	1.467206	0.000036	0.28277336	170	-0.282900437	0.84870131	3.366816818	675.75578	972.9752139	16.32
_22	0.282605	0.00002	0.000801	0.0000065	0.02222	0.00021	1.467249	0.000027	0.282602529	165	-6.365259826	0.707251092	-2.787777026	911.04611	1358.728777	15.82
_23	0.282744	0.000024	0.00153	0.000086	0.04	0.002	1.467212	0.000028	0.282739022	174	-1.449864738	0.84870131	2.241132591	730.079	1047.582069	17.09
_24	0.282753	0.000019	0.000965	0.000014	0.02364	0.00034	1.467197	0.000027	0.282743477	526	-1.131601747	0.671888537	10.26959606	706.42675	814.353367	17.79
_25	0.282826	0.000024	0.001444	0.00005	0.0384	0.0016	1.467228	0.000032	0.282821356	172	1.449864738	0.84870131	5.109246409	611.02229	863.7185259	16.81
_26	0.28232	0.000023	0.0006515	0.0000097	0.01759	0.00026	1.467202	0.000036	0.282317966	167	-16.44358788	0.813338756	-12.80988355	1303.5967	1988.795205	15.83
_28	0.282749	0.000027	0.001182	0.000041	0.0284	0.0012	1.46722	0.000028	0.282745309	167	-1.273051965	0.954788974	2.307679215	716.19877	1037.882769	16.5
_29	0.282772	0.00002	0.000881	0.000015	0.02313	0.00048	1.467181	0.00003	0.282769216	169	-0.45971321	0.707251092	3.197940667	678.07916	982.9210869	17.17
_30	0.282744	0.000024	0.0015733	0.0000088	0.04064	0.00023	1.4672	0.000029	0.282739234	162	-1.449864738	0.84870131	1.98146428	730.93158	1054.67119	15.73
_31	0.282723	0.00002	0.001197	0.000023	0.03335	0.00046	1.467196	0.000024	0.282719419	160	-2.192478385	0.707251092	1.235970137	753.40818	1100.384772	17.33
_32	0.282771	0.000022	0.001284	0.000022	0.03118	0.00063	1.467228	0.000025	0.282767231	157	-0.495075764	0.777976201	2.860530559	686.81946	994.9562173	17.35
_33	0.282731	0.000024	0.00128	0.000028	0.0309	0.00062	1.467229	0.000027	0.282727171	160	-1.909577948	0.84870131	1.510187232	743.69786	1082.999377	16.59
P83a_1	0.282748	0.000021	0.001028	0.000025	0.02663	0.00052	1.46721	0.000028	0.282744617	176	-1.30841452	0.742613646	2.48360023	714.6813	1033.760381	17.46
SQB-168																
Sierra de los Cuarzos Fm.																
SQB-168	0.282705	0.000031	0.001373	0.000042	0.03857	0.00098	1.46719	0.000032	0.282701586	133	-2.829004367	1.096239192	0.004337489	782.63074	1157.344726	12.2
_34	0.28205	0.000066	0.001684	0.00005	0.0438	0.0016	1.4672	0.000069	0.28200075	1544	-25.99147762	2.333928603	7.040922223	1722.5795	1823.936735	8.94
_35	0.282011	0.000024	0.001456	0.000033	0.03935	0.00087	1.467159	0.00003	0.28197534	1296	-27.37061725	0.84870131	0.470006704	1766.8526	2037.504324	15.45
_36	0.281957	0.000031	0.001055	0.000018	0.02722	0.00056	1.467242	0.000042	0.281928778	1414	-29.2801952	1.096239192	1.511568644	1823.0966	2065.416127	9.21
_37	0.282118	0.000044	0.0004221	0.0000094	0.01138	0.00026	1.467186	0.000065	0.282110647	925	-23.58682391	1.555952402	-3.155559656	1573.1773	1973.05356	8.37
_38	0.282038	0.000039	0.000908	0.000012	0.02357	0.00046	1.467191	0.000045	0.282013345	1435	-26.41582828	1.379139629	4.991773243	1704.0909	1865.493591	9.56
_39	0.281975	0.000042	0.001088	0.000046	0.0296	0.0012	1.467143	0.000029	0.281945478	1434	-28.64366922	1.485227293	2.561197414	1799.7023	2015.94556	10.51
_40	0.281899	0.000043	0.001437	0.000025	0.03736	0.00049	1.46715	0.00004	0.281856559	1559	-31.33122337	1.520589847	2.26799964	1922.7612	2132.477412	11.18
_41	0.281977	0.00005	0.001044	0.000054	0.0267	0.0015	1.467156	0.000058	0.281949912	1372	-28.75294411	1.76812773	1.301896838	1794.8446	2045.453402	8.84
_42	0.281894	0.000035	0.00118	0.000023	0.0308	0.00057	1.467166	0.000041	0.281862615	1406	-31.50803614	1.237689411	-1.018344639	1916.6615	2215.986222	9.86
_43	0.282075	0.000031	0.000535	0.000012	0.01449	0.00038	1.46718	0.000051	0.282061191	1365	-25.10741376	1.096239192	5.089274947	1636.8269	1804.172772	15.07
_44	0.281995	0.000032	0.001211	0.000024	0.03482	0.00084	1.467203	0.000032	0.28196221	1431	-27.93641813	1.131601747	3.086206125	1777.6978	1980.951748	13.82
_45	0.282359	0.00004	0.002494	0.000078	0.0507	0.0014	1.467199	0.000034	0.2823474							

	176Hf/177Hf fstnorm	176Hf/177Hf orr 2SE	176Lu/177Hf orr	176Lu/177Hf r 2SE	176Yb/177Hf orr	176Yb/177Hf r 2SE	178Hf/177Hf	178Hf/177Hf 2SE	176Hf/177Hf	t (age, Ma)	εHf(0)	±2 sigma	εHf(t)	TDM	TDM C*	TotalHfBe am (V)
_60	0.281423	0.000031	0.000218	0.000012	0.00651	0.00031	1.467218	0.000039	0.28141438	2077	-48.16379935	1.096239192	-1.495812867	2503.4938	2771.174072	16.7
_61	0.282098	0.000029	0.001396	0.000049	0.0353	0.0011	1.467217	0.000034	0.282055911	1591	-24.294075	1.025514083	10.0767857	1642.0463	1671.700609	14.1
_62	0.282013	0.000027	0.000321	0.000028	0.00915	0.00078	1.467191	0.000041	0.282007622	890	-27.29989214	0.954788974	-7.597082763	1712.2984	2221.762484	12.5
_63	0.282215	0.000036	0.00141	0.000023	0.03466	0.00074	1.467146	0.000048	0.282189983	942	-20.15665612	1.273051965	0.040315349	1478.1056	1787.013802	16.9
_64	0.282104	0.000028	0.001	0.000035	0.02692	0.00094	1.467216	0.000034	0.282083174	1104	-24.08189968	0.990151529	-0.073966776	1616.5843	1920.929602	13.06
_65	0.281939	0.00005	0.0013357	0.000052	0.03296	0.00012	1.467157	0.000079	0.281898215	1611	-29.91672118	1.76812773	4.939207176	1861.7987	2007.709905	10.15
_66	0.282632	0.000039	0.001075	0.00001	0.02493	0.00027	1.467179	0.000038	0.282617757	705	-5.410470852	1.379139629	9.843998308	879.57634	983.1947638	10.31
_67	0.282078	0.000048	0.001477	0.000069	0.0422	0.0019	1.467112	0.000067	0.282063201	534	-25.0013261	1.69740262	-13.63573181	1673.7213	2321.48217	7.8
_68	0.282051	0.000051	0.002844	0.000083	0.0818	0.0026	1.467208	0.000045	0.281972357	1461	-25.95611507	1.803490284	4.132388993	1776.3981	1939.513284	9.19
_69	0.282163	0.000054	0.001232	0.000042	0.0336	0.0012	1.46716	0.000057	0.282131884	1336	-21.99550896	1.909577948	6.93462055	1543.9794	1665.973132	8.5
_70	0.281947	0.000032	0.001181	0.000032	0.02942	0.00082	1.467196	0.000048	0.281910439	1633	-29.63382075	1.131601747	5.878208023	1843.0703	1966.742684	11.62
_71	0.282098	0.000036	0.001001	0.000039	0.02711	0.00099	1.467201	0.000036	0.282073427	1299	-24.294075	1.273051965	4.017115279	1624.9638	1819.026762	13.4
SQB-168_1	0.282442	0.000049	0.00195	0.000069	0.0581	0.0025	1.467141	0.000057	0.282415869	713	-12.12935622	1.732765175	2.873621671	1174.3561	1429.935179	10.51
SQT-8																
Pelones Fm.																
SQT-8	0.282166	0.00002	0.000379	0.000045	0.0109	0.0013	1.467201	0.000027	0.282158656	1028	-21.88942129	0.707251092	0.877621985	1505.7149	1802.056612	19.52
_72	0.282893	0.000036	0.001554	0.000018	0.03803	0.00037	1.467226	0.00003	0.282888933	140	3.819155896	1.273051965	6.787173436	516.46163	731.5912319	11.01
_73	0.282724	0.00003	0.002173	0.000072	0.0609	0.002	1.467231	0.00003	0.282718557	134	-2.15711583	1.060876638	0.626877222	772.10272	1118.687579	13.79
_74	0.282716	0.000038	0.001336	0.000017	0.03653	0.00033	1.467205	0.000037	0.282712603	136	-2.440016267	1.343777074	0.460781052	766.1869	1130.772978	12.6
_75	0.282637	0.00003	0.001428	0.000049	0.0361	0.0012	1.467155	0.000033	0.282632728	160	-5.233658079	1.060876638	-1.830737836	880.78014	1294.430935	12.16
_76	0.28201	0.000021	0.000363	0.0000012	0.009454	0.000054	1.467194	0.000028	0.281999927	1466	-27.40597981	0.742613646	5.224991102	1718.2504	1875.434486	18.13
_77	0.282783	0.000028	0.001811	0.00003	0.0486	0.0011	1.467186	0.000026	0.282777819	153	-0.070725109	0.990151529	3.146052729	679.30547	973.6852173	13.33
_78	0.282673	0.000027	0.000929	0.000013	0.02419	0.00028	1.46723	0.000038	0.282670656	135	-3.960606114	0.954788974	-1.045295198	818.49063	1225.330232	11.18
_79	0.282732	0.000028	0.001377	0.000018	0.03866	0.00048	1.467194	0.000031	0.282728551	134	-1.874215393	0.990151529	0.980392626	744.2061	1096.279972	11.53
_80	0.282712	0.000038	0.002053	0.000044	0.05228	0.00086	1.467196	0.000044	0.282706435	145	-2.581466485	1.343777074	0.442816889	787.00025	1138.933877	10.01
_81	0.282737	0.000024	0.0008467	0.0000039	0.021361	0.000083	1.467202	0.000028	0.282734372	166	-1.69740262	0.84870131	1.898507559	726.73375	1063.061737	15.74
_82	0.282749	0.000036	0.00164	0.000022	0.04545	0.00051	1.467216	0.000032	0.282744738	139	-1.273051965	1.273051965	1.664253726	725.0619	1056.81472	11.86
_83	0.28269	0.00011	0.002082	0.00005	0.0533	0.0014	1.467258	0.000083	0.282684863	132	-3.359442686	3.889881005	-0.609475137	819.58656	1195.421921	2.94
_84	0.281996	0.000046	0.001308	0.000051	0.0326	0.0011	1.46723	0.000034	0.2819859	412	-27.90105557	1.626677511	-19.10095814	1780.8734	2565.910217	14.3
_85	0.282738	0.000025	0.0014124	0.0000057	0.0394	0.00014	1.467209	0.000031	0.282734409	136	-1.662040066	0.884063865	1.232121603	736.34413	1081.880649	13.86
_86	0.282725	0.000023	0.001605	0.00005	0.0448	0.0014	1.467225	0.00003	0.282720559	148	-2.121753275	0.813338756	1.009209867	758.83287	1105.385718	15.37
_87	0.282727	0.000031	0.001964	0.000027	0.05457	0.00097	1.467204	0.000033	0.282721823	141	-2.051028166	1.096239192	0.898155455	763.35797	1106.958885	13.82
_88	0.282781	0.000022	0.001001	0.000018	0.02664	0.00032	1.467191	0.000029	0.28277838	140	-0.141450218	0.777976201	2.876532223	667.5127	980.630905	17.04
_89	0.282727	0.000035	0.001423	0.000024	0.03775	0.0005	1.467156	0.000036	0.282723222	142	-2.051028166	1.237689411	0.969908649	752.26755	1103.191505	10.08
_90	0.282778	0.000056	0.002739	0.000085	0.073	0.0022	1.467122	0.000049	0.282770678	143	-0.247537882	1.980303057	2.670830562	704.28069	996.0457129	6.66
_91	0.282778	0.000036	0.00229	0.000018	0.0628	0.00083	1.46722	0.000036	0.282754148	555	-0.247537882	1.273051965	11.29874673	695.58012	771.7836046	10.11
_92	0.282735	0.00007	0.002473	0.000051	0.0656	0.0015	1.467231	0.000049	0.28272825	146	-1.76812773	2.475378821	1.236758852	762.33817	1089.398103	5.34
_93	0.282776	0.000037	0.001398	0.000018	0.03991	0.00058	1.467174	0.000038	0.282772289	142	-0.318262991	1.30841452	2.705568175	681.77626	993.0565534	8.91
_94	0.282716	0.00003	0.0014847	0.0000062	0.04033	0.00042	1.467239	0.000034	0.282712142	139	-2.440016267	1.060876638	0.511203878	769.25115	1129.919337	11.27
_95	0.282763	0.000024	0.002713	0.00005	0.0809	0.0013	1.467177	0.000027	0.282756153	135	-0.777976201	0.84870131	1.979033897	725.98564	1033.712237	15.95
_96	0.282749	0.00002	0.0008688	0.0000026	0.02405	0.00018	1.467246	0.000028	0.28274658	149	-1.273051965	0.707251092	1.951930551	710.2615	1046.379383	16.3
_97	0.282784	0.000022	0.001349	0.000021	0.03304	0.00044	1.467199	0.000032	0.282779661	172	-0.035362555	0.777976201	3.634260742	669.46019	957.5469172	15.96
_98	0.282803	0.00002	0.001061	0.000021	0.02756	0.00073	1.467195	0.000026	0.282799806	161	0.636525983	0.707251092	4.101937555	637.40262	919.1870714	16.53
_99	0.282733	0.000021	0.000973	0.000013	0.02356	0.00028	1.467204	0.000024	0.282730198	154	-1.838852839	0.742613646	1.4837364	734.81626	1079.987807	16.68
_100	0.282818	0.000024	0.0012317	0.0000078	0.03175	0.00036	1.467198	0.000025	0.282814108	169	1.166964302	0.84870131	4.78602264	618.9492	881.9387213	18.57
SQT-8_1	0.282784	0.000029	0.001675	0.00004	0.047	0.0012	1.467229	0.000029	0.282779365	148	-0.035362555	1.025514083	3.089435172	675.36553	973.3668204	13.12
VB14-5-11(4)																
Santo-Tomás Tejuapilco Assemblage																
VB11-4	0.28261	0.000026	0.001112	0.000031	0.03423	0.00073	1.467209	0.000037	0.282606859	151.1	-6.188447053	0.919426419	-2.94388663	911.51936	1357.778753	14.31
_1</																

	176Hf/177Hf fstnorm	176Hf/177Hf corr 2SE	176Lu/177Hf corr	176Lu/177Hf corr 2SE	176Yb/177Hf corr	176Yb/177Hf corr 2SE	178Hf/177Hf	178Hf/177Hf 2SE	176Hf/177Hf	t (age, Ma)	εHf(0)	±2 sigma	εHf(t)	TDM	TDM C*	TotalHfBe am (V)
_13	0.282586	0.000031	0.001392	0.000024	0.03982	0.00058	1.467209	0.000033	0.2825825	134.5	-7.037148364	1.096239192	-4.17474916	952.49103	1422.502077	14.75
_14	0.282475	0.000032	0.003238	0.00004	0.0932	0.0012	1.467216	0.00003	0.282465101	163.5	-10.96239192	1.131601747	-7.682725261	1167.7264	1665.477799	15.6
_15	0.282733	0.000042	0.002005	0.000019	0.05988	0.00037	1.467152	0.00004	0.282728079	131.3	-1.838852839	1.485227293	0.903677995	755.5061	1099.037787	11.7
_16	0.281532	0.000024	0.001212	0.000035	0.03198	0.00054	1.467192	0.000038	0.28149039	1808	-44.3092809	0.84870131	-5.009034945	2418.9797	2775.751428	12.03
_17	0.282745	0.000022	0.0008361	0.0000049	0.02475	0.0003	1.467196	0.000028	0.282742921	133	-1.414502184	0.777976201	1.466474889	715.27547	1064.672916	15.18
_18	0.282754	0.000027	0.0009679	0.0000064	0.02749	0.00043	1.467217	0.000032	0.282751688	127.8	-1.096239192	0.954788974	1.660884894	705.06894	1048.274749	13.87
_19	0.282969	0.000022	0.001011	0.000016	0.02648	0.00037	1.467181	0.00003	0.282966608	126.6	6.506710045	0.777976201	9.236438361	401.04329	564.4420124	15.41
_20	0.28226	0.000023	0.000732	0.000028	0.02288	0.00085	1.467198	0.000029	0.282252721	530	-18.56534116	0.813338756	-7.01550069	1389.5454	1906.957517	15.28
_21	0.281064	0.000025	0.000314	0.0000022	0.008786	0.000074	1.467177	0.00003	0.28104816	2636	-60.85895645	0.884063865	-1.48989538	2989.2704	3209.801092	13.95
_22	0.282377	0.000026	0.001664	0.000026	0.04141	0.0003	1.46722	0.00003	0.282358506	592	-14.42792227	0.919426419	-1.87899588	1257.9637	1633.834422	15.13
_23	0.28269	0.000081	0.00276	0.000075	0.0644	0.0016	1.467246	0.000077	0.282682466	146	-3.359442686	2.864366922	-0.382783584	835.05711	1191.986569	4.8
_24	0.282383	0.000019	0.000702	0.000013	0.02082	0.00042	1.467215	0.000031	0.282374203	667	-14.21574695	0.671888537	0.36253268	1217.8943	1551.737162	19.62
_25	0.282728	0.000035	0.001117	0.000024	0.02706	0.00059	1.467209	0.000043	0.282725413	123.9	-2.015665612	1.237689411	0.644733256	744.71935	1109.673114	12.83
_26	0.282481	0.000031	0.003296	0.000058	0.1033	0.0014	1.467189	0.00003	0.282470806	165.4	-10.7502166	1.096239192	-7.438632425	1160.677	1651.632059	15.12
_27	0.282974	0.00003	0.0016189	0.0000053	0.04823	0.00038	1.467241	0.00003	0.282970269	123.3	6.683522818	1.060876638	9.292487401	400.41993	558.2467101	13.63
_28	0.282939	0.000041	0.00288	0.000023	0.07753	0.00044	1.467172	0.000046	0.282932573	119.4	5.445833407	1.449864738	7.872283824	466.92675	646.0452562	10.4
_29	0.28258	0.000047	0.002128	0.000057	0.0564	0.0016	1.467225	0.000063	0.28257345	164.6	-7.249323691	1.662040066	-3.825335936	980.34394	1423.831955	8.93
_30	0.282822	0.000028	0.001866	0.000082	0.0448	0.0018	1.467163	0.000033	0.282817406	131.7	1.30841452	0.990151529	4.072298429	623.83632	898.0951012	11.63
VB11-4_1	0.282882	0.000026	0.001019	0.000012	0.03052	0.00066	1.467198	0.000031	0.282879407	136.1	3.430167795	0.919426419	6.36340563	524.71512	755.5658727	15.79

VB11-5
Ensamble Ojo de Agua

VB-5	0.282778	0.000033	0.00152	0.00011	0.0412	0.0035	1.467177	0.000044	0.282774392	127	-0.247537882	1.166964302	2.44618095	681.14938	997.7938284	10.64
_31	0.282937	0.000024	0.000957	0.000026	0.02275	0.00032	1.467182	0.000035	0.28293449	140.3	5.375108298	0.84870131	8.405370334	445.88253	628.4376284	13.66
_32	0.282341	0.000025	0.001603	0.000047	0.04822	0.0007	1.467188	0.000037	0.282337159	128.2	-15.70097424	0.884063865	-12.99320209	1307.0655	1970.49234	14.1
_33	0.282748	0.00004	0.003179	0.000062	0.0913	0.0026	1.46719	0.00003	0.282739436	144.1	-1.30841452	1.414502184	1.590170334	758.02054	1065.500497	13.82
_34	0.282806	0.000033	0.0009611	0.0000092	0.02992	0.00043	1.467243	0.000029	0.28280317	157.5	0.742613646	1.166964302	4.142997074	631.47039	913.8303227	12.96
_35	0.282876	0.000026	0.000976	0.00001	0.02373	0.00027	1.467211	0.000032	0.282873608	131.1	3.217992468	0.919426419	6.046972253	532.61818	771.8199199	14.61
_36	0.282378	0.000027	0.002114	0.000025	0.0609	0.00092	1.467218	0.000032	0.28237308	124.5	-14.39255972	0.954788974	-11.80475089	1271.9389	1893.474539	15.68
_37	0.282846	0.000025	0.000741	0.000016	0.01994	0.00036	1.46724	0.000035	0.282844395	115.9	2.15711583	0.884063865	4.675391477	571.54323	847.3048078	13.06
_38	0.282867	0.000026	0.001084	0.000024	0.02822	0.00048	1.467233	0.000029	0.282864057	145.2	2.899729476	0.919426419	6.023007793	546.94054	784.4349132	14.11
_39	0.282658	0.000032	0.0014956	0.0000092	0.04444	0.00049	1.467228	0.000033	0.282634927	820	-4.491044433	1.131601747	13.04726071	852.39118	871.0755716	10.88
_40	0.282849	0.000026	0.000846	0.000011	0.0207	0.00034	1.467198	0.000027	0.282839438	602	2.263203494	0.919426419	15.37542013	568.89932	548.8677185	13.39
_41	0.282848	0.000028	0.001226	0.000027	0.03255	0.0009	1.467214	0.00003	0.282845021	130	2.227840939	0.990151529	5.011273018	576.10908	836.9765529	13.52
_43	0.282831	0.000034	0.002835	0.00007	0.0906	0.0036	1.467174	0.000038	0.282823761	136.6	1.626677511	1.202326856	4.406124654	627.33728	880.6924489	10.93
_44	0.282862	0.000024	0.001405	0.000021	0.03766	0.00052	1.4672	0.000036	0.282858512	132.8	2.722916704	0.84870131	5.550819457	558.82631	804.7929406	12.72
_45	0.282756	0.000035	0.002162	0.000032	0.0664	0.0018	1.467191	0.000031	0.282750342	140	-1.025514083	1.237689411	1.88470758	725.22859	1043.608175	12.64
_46	0.28283	0.000031	0.002105	0.00002	0.06444	0.00099	1.467166	0.000033	0.282825168	122.8	1.591314957	1.096239192	4.148829153	616.25068	886.2453554	11.84
_47	0.28264	0.000027	0.0016575	0.0000046	0.04894	0.00078	1.467206	0.000031	0.282635218	154.3	-5.127570416	0.954788974	-1.869480465	881.93468	1292.443822	13.44
_48	0.282547	0.000032	0.001971	0.000043	0.0577	0.0024	1.467205	0.000033	0.282541229	156.6	-8.416287993	1.131601747	-5.143161028	1023.7799	1500.604838	11.25
_49	0.282615	0.000024	0.001315	0.000012	0.03965	0.00046	1.467191	0.000032	0.282611726	133.2	-6.01163428	0.84870131	-3.169858611	909.36704	1358.13373	13.78
_50	0.282909	0.000033	0.001451	0.000033	0.0455	0.0015	1.467221	0.000037	0.282905846	116.3	4.384956769	1.166964302	6.857921261	492.052	708.4198513	9.64
_51	0.282933	0.000047	0.003981	0.000021	0.1402	0.0018	1.467152	0.000044	0.282924213	118.1	5.233658079	1.662040066	7.547633853	491.04851	665.7737057	8.38
_52	0.282807	0.00003	0.001824	0.000031	0.0537	0.0011	1.467194	0.00003	0.282802325	137.1	0.777976201	1.060876638	3.659011434	644.83164	928.6197181	13.58
_53	0.282919	0.000022	0.0006062	0.0000066	0.01858	0.0004	1.4672	0.000026	0.282917679	116.6	4.738582315	0.777976201	7.28314779	467.05522	681.4935791	14.91
_54	0.283006	0.000028	0.000665	0.000014	0.01752	0.00056	1.467185	0.000033	0.283004537	117.7	7.815124565	0.990151529	10.37995698	345.22387	484.130652	11.83
_55	0.282109	0.000027	0.001183	0.000043	0.0391	0.0019	1.467218	0.000038	0.282082807	1173	-23.9050869	0.954788974	1.480640409	1617.4325	1878.135377	11.63
_56	0.283088	0.00003	0.002904	0.000039	0.089	0.00072	1.467211	0.000035	0.283081117	126.8	10.71485404	1.060876638	13.29138012	243.89457	304.3232331	12.75
_57	0.282872	0.000026	0.001207	0.000017	0.03666	0.00082	1.467206	0.000026	0.282869019	132.1	3.076542249	0.919426419	5.906914845	541.61246	781.5387218	13.66
_58	0.282352	0.000025	0.0006177	0.0000058	0.02064	0.00016	1.467207	0.000035	0.282339583	1066	-15.31198614	0.884063865	8.152741706	1258.1514	1375.912007	13.81
_59	0.282534	0.000041	0.001157	0.000044	0.03077	0.00091	1.467201	0.000052	0.282524282	448	-8.876001202	1.449864738	0.760929	1019.9583	1355.464979	12.58
_60	0.282723	0.000039	0.002896	0.000097	0.0946	0.0041	1.467185	0.000034	0.2827149	149.6	-2.192478385	1.379139629	0.84463692	789.19726	1117.065473	11.74
_61	0.282933	0.000039	0.001664	0.000022	0.04873	0.0007	1.467143	0.000033	0.282928832	134	5.233658079	1.379139629	8.064952184	460.20993	645.236775	11.85
_62	0.282401	0.000027	0.00095	0.000051	0.0265	0.0011	1.467172	0.000045	0.282391517	532	-13.57922096	0.954788974	-2.056649079	1200.7004	1598.231582	12.5
_63	0.282406	0.000021	0.0008026	0.0000071	0.02618	0.00018	1.467183	0.000027	0.282391287	973	-13.40240819	0.742613646	7.876098113	1189.079	1319.756213	15.2
_64	0.282128	0.000027	0.0009128	0.0000078	0.02748	0.00029	1.467207	0.000027	0.282105365	1312	-23.23319837	0.954788974	5.446360147	1579.5955	1740.050295	12.31
VB-5_1	0.28238	0.00003	0.001479	0.000034	0.04549	0.00054	1.467193	0.000034	0.282365906	508	-14.32183461	1.060876638	-3.501448656	1247.4817	1670.161232	13.15

	¹⁷⁶ Hf/ ¹⁷⁷ Hf fstnorm	¹⁷⁶ Hf/ ¹⁷⁷ Hf orr 2SE	¹⁷⁶ Lu/ ¹⁷⁷ Hf orr	¹⁷⁶ Lu/ ¹⁷⁷ Hf cor r 2SE	¹⁷⁶ Yb/ ¹⁷⁷ Hf orr	¹⁷⁶ Yb/ ¹⁷⁷ Hf cor r 2SE	¹⁷⁸ Hf/ ¹⁷⁷ Hf 2SE	¹⁷⁶ Hf/ ¹⁷⁷ Hf	t (age, Ma)	εHf(0)	±2 sigma	εHf(t)	TDM	TDM C*	TotalHfBe am (V)
¹⁷⁶ Lu/ ¹⁷⁷ HfDM		0.0384	Blichert-Toft and Albarède, 1997												
¹⁷⁶ Hf/ ¹⁷⁷ HfDM		0.28325	Blichert-Toft and Albarède, 1997												
lambda (l)		1.87E-11	Soderlund et al., 2004												
¹⁷⁶ Lu/ ¹⁷⁷ HfC		0.015	Average intermediate crust. (Griffin et al., 2002)												